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derusha.com
1.800.567.2778



Dear Stone Professional,

We are very proud to release our 2017 Derusha Supply stone solutions catalog. This is by far our most complete catalog to date, filled with the latest technology as well as the industry's leading products, tools and equipment.

At Derusha Supply, we work with our manufacturing partners from around the globe to supply everything you need to transform stone. From quarry extraction to fabrication, maintenance and restoration, in the shop or on the jobsite, we have you covered. With over 6,000 different products in stock across multiple warehouses and thousands more available through our vast partner network, we have the solutions you need to tackle your stone projects, no matter the size. Our team of industry experts is dedicated to working with you step by step along the path to success.

In the last year, we have continued to invest in our Technical Service Center to increase production and improve turn-around time. When it comes to diamond blades and diamond wires, these improvements help us provide high quality products that are customized to achieve immediate optimal performance upon installation. Of course, this is also backed by the largest and most experienced team of diamond technicians in North America.

Family owned and operated, we have been growing with our customers from coast to coast since 1978. We believe that our personalized customer service, our dedication to our customer's success, combined with our vision of long term partnership is what sets us apart.

If this is the first time you hear about us, join the thousands that associate the name Derusha with quality stone solutions and outstanding service.

On behalf of the Derusha Group and our entire team of industry experts, I would like to thank you for your continued support and loyalty as we get ready to celebrate our 40th anniversary of serving the stone industry.

We look forward to working stone with you for years to come!

Sincerely,

Mark Derusha

MARKETS WE SERVE



MONUMENT



COUNTERTOP



SANDBLAST



TILING



ARCHITECTURAL



MASONRY



LANDSCAPING



INDUSTRIAL

Member of:



Association des Détaillants
de Monuments du Québec



Ontario Monument
Builders Association

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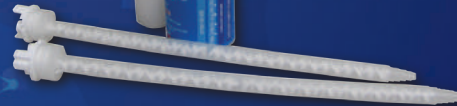
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Derusha Supply

Your Master Distributor in Canada



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FOCUS ON YOU



Electric & Air Power Tools

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Power Tools Reference Guide

SECTION 1. ELECTRIC & AIR POWER TOOLS

		Application				Specifications							Page
Brand	Model	Grinding**	Edge/Small Wet Polishing	Large Surface Wet Polishing	Cutting/ Sawing	RPM	AMPS	Disc Max Diameter (inches)	Weight	Air Powered	Electric Powered	Integrated Dust Coll.	
FLEX	L 12-3 100 WET	X	X			3700	9.3	5	5.3 lbs		X		1.3
FLEX	LE 12-3 100 WET	X	X			1200-3700	9.3	5	5.3 lbs		X		1.3
FLEX	LW 603 VR	X	X			1000-2800	13	5	7.5 lbs		X		1.4
FLEX	LW 1509	X	X		X*	8300	7.1	4.5	4.8 lbs		X		1.3
ALPHA	VSP-120	X	X			500-2800	7	5	7.3 lbs		X		1.4
FLEX	LW1503	X	X			3700	7.4	5	4.4 lbs		X		1.3
ALPHA	AIR-680	X	X			3600	N/A	5	2.6 lbs	X			1.5
ALPHA	AIR 300	X	X			5800	N/A	5	1.6 lbs	X			1.5
FLEX	PLW 923 S	X	X			3600	N/A	4	2.8 lbs	X			1.5
FLEX	1506 VR	X				2200-6800	10	5	4.2 lbs		X		1.7
FLEX	L 3406 VRG	X				2100-6400	11	5	4.1 lbs		X		1.7
SUNNER	USC 25R	X				11000-25000	4.5	N/A	3.5 lbs		X		1.7
FLEX	LDC 1509 FR	X				10000	10.5	5	6.4 lbs		X	X	1.8
ALPHA	ECG-125	X				8700	10.25	5	12.7 lbs		X	X	1.8
FLEX	MS 1706 FR				X	7500	13	N/A	8.5 lbs		X		1.8
FLEX	L 3410 VRG					3000-11000	10	5	4.1 lbs		X		1.7
CYCLONE	MVP		X			5000-5500	N/A	5	N/A	X			1.6
ALPHA	PSG-125	X			X	12000	N/A	5	4.6 lbs	X			1.8
GISON	GPW-215	X				11000	N/A	5	4.45 lbs	X			1.6
GISON	GPW-215 C				X	11000	N/A	5	4.45 lbs	X			1.6
GISON	GPW-216	X				6500	N/A	7	7 lbs	X			1.6
GISON	GPW-216 C				X	6500	N/A	7	7 lbs	X			1.6

* LW 1509: Designed as a Grinder/Polisher, this unit has a water attachment and other features that make it a great solutions for wet cutting (sink cut outs, etc.)

** Grinding: With Dry polishing pads, these machines could also perform dry polishing. However, Polishing Pad life will be shorter than if used wet.

DS TECH TIP

WATER ADAPTER RECOMMENDATIONS

The Quick Connect Water adapter is highly recommended for use with Flex LW 603 VR, LW 1503, LW 1509, L 12-3 100 and LE 12-3 100. Adapter connects to flex brass connection and normal garden hose. A must for flex polishers!



DS Item #	Description
23115058	16237 Quick Connect Water adapter



Grinders & Polishers

FLEX L 12-3 100

The new FLEX Single Speed 5" Wet Polisher. Extra powerful 9.3 amp. motor with high torque for superior applications. Three jet nozzle can be removed to give one central water jet.

New features:

- New Water Feed – water feed and flow control are fitted under the motor housing
- New Water Connection – brass connection is at the end of a flexible 6-1/2 foot hose
- New Electronics – with soft start, overload protection



NEW

Specifications	
Max. disc diameter	5"
Speed, without load	3 700 RPM
Power Input	9.3 amp.
Weight	5.3 lbs
DS Item #	Description
23014207	L 12-3 100 Wet



FLEX LE 12-3 100

The new FLEX Variable Speed 5" Wet Polisher. Extra powerful 9.3 amp. motor with high torque for superior applications. Three jet nozzle can be removed to give one central water jet.

New features:

- New Water Feed – water feed and flow control are fitted under the motor housing
- New Water Connection – brass connection is at the end of a flexible 6-1/2 foot hose
- New Electronics – with soft start, overload protection, techogenerator constant speed control and stepless variables speed



NEW

Specifications	
Max. disc diameter	5"
Speed, without load	1 200-3 700 RPM
Power Input	9.3 amp.
Weight	5.3 lbs
DS Item #	Description
23014205	L 12-3 100 Wet



FLEX FLEX LW 1503

It is a compact, but powerful workhorse. Frequently used to polish surfaces and edges of natural stone. Lightweight, but powerful wet stone grinder. Central water intake for wet grinding of surfaces.

- Central water feed
- 5/8" - 11 spindle thread
- GFI operator protector circuit breaker built into the power supply cord.



Specifications	
Disc diameter	115 mm / 4-1/2"
Speed	3 600 RPM
Power Input	800 Watts / 7.8 amp.
Power Output	500 Watts
Weight	4.4 lbs / 2.0 kg
DS Item #	Description
23014517	LW 1503



FLEX FLEX LW 1509

This compact 4-1/2" high speed wet grinder is designed for maximum material removal of concrete or natural stone. With its 8 300 RPM and 7.8 AMP motor, it is the fastest wet grinder in the market. It is intended for all heavy duty stone grinding applications (bulk material, edge breaking, coarse grinding of uneven surfaces and polish preparation work.)



Specifications	
Max disc diameter	4-1/2"
Speed, without load	8 300 RPM
Power Input	7.1 amp.
Power Output	500 Watts
Weight	4.8 lbs
DS Item #	Description
23014515	LW 1509

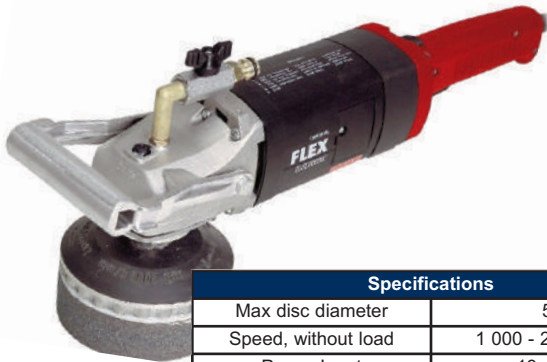




Grinders & Polishers

FLEX LW 603 VR

The most cost-effective and sophisticated WET polisher. Infinitely adjustable polishing speeds (1,000 - 2,800 RPM) make this product ideal for very sensitive materials and offers users maximum flexibility. The LW 603 VR is a two-handed tool and is commonly used as large surface polisher.



Specifications	
Max disc diameter	5"
Speed, without load	1 000 - 2 800 rpm
Power Input	13 amp.
Power Output	1 000 watts
Weight	7.5 lbs

DS Item #	Description
23014492	LW 603 VR



ALPHA VSP-120

The VSP-120 comes with a variable speed control switch with an automatic speed feed-back system to maintain consistent RPMs with or without a load. It has also added a Splash Guard that can be trimmed to adjust the height for the best comfort and protection. Every stone fabricator should try the new VSP-120 variable speed wet polisher to achieve the best performance and high quality results.



Specifications	
Rating	120 volts
Amperage	7 A
Power	800 watts
Speed (variable)	500 - 2 800 rpm
Weight	7.3 lbs

DS Item #	Description
23014607	VSP-120



KLINDEX UFO POLISHER EASY KIT 290 V

UFO is a manual planetary polisher for grinding and polishing counter tops, stairs, edges and narrow areas. Thanks to its powerful motor and to the counter-rotating planetary, it is possible to grind and to polish marble, granite and concrete. It is robust and has perfect balance. The speed of the abrasives is studied in order to make the machine stable, easing the grinding and polishing operations. It is supplied with splash guard and connection for vacuum cleaner.

Specifications	
Motor	750 W
Speed tools	330 - 770 rpm
Working width	290 mm
Tools size	3 x 100 mm
Water tank	2 lt
Dimensions	37cm (L) x 39cm (A) x 30cm (P)
Weight	26 Kg

DS Item #	Description
23014810	UFO Polisher Easy Kit 290 VS





Grinders & Polishers

ALPHA® AIR-680

A light weight high performance tool for continuous production application. Can be used for grinding and polishing. Made in Japan.

- Air Head hose (10 ft)
- Water valve
- Exhaust Muffler
- Wrenches
- Side Handle (reversible)
- Crush proof hose
- Hose adaptor
- Splash guard



Specifications	
Air consumption	15 cfm
Air pressure	85-95 psi
Speed	3 600 rpm
Weight	2.64 lbs
Spindle	5/8 - 11
DS Item #	Description
23014507	AIR-680

ALPHA® AIR-300

A smaller version of the well-known Alpha® AIR-658, the AIR-300 is ergonomically designed to fit comfortably in your hand and only weighs 1.6 pounds reducing fatigue from long hours of polishing. The smaller design is easy to maneuver and produces flawless sink rims and bowls. The Alpha® AIR-300 accepts 3" and 4" discs along with 2" and 3" rubber pads. A must have for all fabricators!



Specifications	
Air consumption	10 cfm
Air pressure	87 psi
Speed	5 800 rpm
Weight	1.60 lbs
Spindle	5/8 - 11
DS Item #	Description
23014536	AIR-300

FLEX® PLW 923 S

Designed especially for use by shop workers, this high performance polishing tool is ergonomically designed for ease of use. The PLW 923 S features a central water feed with rear exhaust, and accepts 3", 4" or 5" discs. It comes with a 4" Velcro® pad, bail handle, side handle, wrenches, hoses for air, water and exhaust along with appropriate fittings.



Specifications	
Spindle Size	5/8 - 11
Max. Speed	3 600 RPM
Weight	2.8 lbs
Length	9 - 1/2"
Air Consumption	15.19 CFM
DS Item #	Description
23014204	PLW 923 S

DS TECH TIP

HOW TO DETERMINE THE AIR YOU NEED?

On average, an air polisher uses 15 cfm at 90 psi. It is a good rule of thumb to use 20 cfm to estimate your air requirements to account for air loss in your compressed air system.

CHECK YOUR PRESSURE

Operating at higher than recommended air pressure will lead to premature tool wear. Max air pressure 90psi for Alpha and Flex air tools.



Grinders & Polishers



MVP PNEUMATIC AIR POLISHER

Completely assembled by hand. Automatic oil injection system. Will not lose power even when pushing hard on the stone. Recommended RPM 5000, Max RPM 5500.



Specifications	
Air consumption	16 CFM
Air pressure	90 PSI
Speed	5000-5500 rpm
Weight	2.86 lbs
spindle	5/8" - 11



DS Item #	Description
23014217	Cyclone MVP Pneumatic Air Polisher

ALPHA PSG-125 PNEUMATIC GRINDER

This industrial quality grinder has a powerful 1.4 HP motor with speed control governor. It is compact, has an ergonomic aluminum body, a reversible safety lever throttle and two auxiliary handle positions. Its adjustable rotating exhaust and built-in oil port makes this tool great for any environment!



Specifications	
Air consumption	22 CFM
Air pressure	90 PSI
Speed	12 000 rpm
Weight	4.6 lbs
spindle	5/8" - 11



DS Item #	Description
Call us	PSG-125 Pneumatic grinder

GISON 5" GPW-215 + GPW-215C

The GPW-215 will outlast and outperform similar electric tools, and is more comfortable when used wet! GPW-215C will accept 5" diamond blade and is used for wet hand cutting of granite, marble and concrete up to 1-1/4" in thickness.



Specifications	
Air pressure	90 PSI
Speed	11 000 rpm
Weight	4.45 lbs
spindle	5/8" - 11



DS Item #	Description
23014556	GPW-215
23014232	GPW-215C

GISON 7" GPW-216 + GPW-216C

The GPW-216 will outlast and outperform similar electric tools, and is more comfortable when used wet! GPW-216C will accept 7" diamond blade and is used for wet hand cutting of granite, marble, quartz stone and engineered stone.



Specifications	
Air pressure	90 PSI
Speed	6 500rpm
Weight	7 lbs
spindle	5/8" - 11



DS Item #	Description
23014230	GPW-216
23014231	GPW-216C



Grinders & Polishers

FLEX L 3410 VRG

Powerful 10 AMP variable speed grinder is small and agile. Ideal for grinding, roughing, cutting, deburring and removal of rust. No matter what the task may be, the slim, saddle-shaped motor housing and easily-accessible side switch mean that it sits perfectly in your hand. The flat aluminum die cast gear head allows the tool to reach into the tightest areas.



Specifications	
Max. disc diameter	5"
Speed, without load	3 000 - 11 000 rpm
Power Input	10 amp.
Power output	880 watts
Weight	4.1 lbs



DS Item #	Description
23014216	L 3410 VRG

FLEX 1506 VR

Powerfull 11 AMP full wave electronic sander/polisher with infinitely adjustable variable speed (2,200 - 6,800 rpm). Used in metal, masonry and natural stone industries.

Standard equipment:

- 1 guard (5")
- 1 retaining nut
- 1 spanner wrench
- 1 clamping flange
- 1 side handle
- 1 grip cover



Specifications	
Grinding wheel - max dia.	125 mm / 5"
Speed	2 200 - 6 800 rpm
Power Input	1 200 watts / 11 amp.
Power Output	700 watts
Weight	4.2 lbs / 1.9 kg



DS Item #	Description
23014513	L1506 VR

SUHNER USC25R

Electric die grinder. A powerful hand tool for grinding, sanding, polishing, deburring, cutting off, cleaning, and the like. Unrivald power packed into this slim, compact designed for easy handling. A built-in, electronic speed control allows use of abrasives and burs at optimum efficiency.

Features:

- No-load speed: adjustable from 11 000 - 25 000 rpm
- Soft start and overload protection switch
- Includes 1/4" collet



Specifications	
Motor	110V / 60 Hz - 4.5 amp.
Dimensions	Front 1-1/4" dia., Rear 2-1/4" dia, 12-1/4" OL
Weight	3.5 lbs



DS Item #	Description
23014525	USC25R

FLEX L 3406 VRG

Powerful 11 AMP variable speed sander/polisher is small and agile. Great staying power, low gear ratio, plus speed selection with adjustment wheel for controlled acceleration to the required speed. This gives you a sensitive polisher on one hand and a powerful sander in the mid-speed range on the other hand. With a slender rear stick handle for extremely flat attack angles.

Standard equipment:

- 1 clamping flange
- 1 guard 5"
- 1 FLEXgrip™ handle
- 1 retaining nut



Specifications	
Max. disc diameter	5"
Speed, without load	2 100 - 6 400 rpm
Power Input	11 amp.
Power output	880 watts
Tool fixture	5/8-11
Weight	4.1 lbs



DS Item #	Description
23014212	L 3406 VRG



Grinders & Polishers

FLEX MS 1706 FR

The unique rotation motor system allows the machine to be used for pull cutting for vertical slot, and push cutting for horizontal slots. Now wall chasing for the laying of cables or conduits is child's play. Cuts two parallel slits up to 35 mm deep and 3 mm wide.

Standard equipment:

- (2) Diamond Jet VI Speed cut 5-1/2" blades
- 1 side handle
- 1 SDS-Clic quick-clamp nut M 14
- 5 Distance spacers
- Clamping flanges
- 1 web remover
- 1 adapter for dust extractor
- 3 Cable clips
- 1 plastic carrying case



NEW

Specifications	
Cutting depth	0-35 mm
Groove width	10-30 mm
Disc	140 mm
Speed without load	7 500 rpm
Power input	1 400 watts
Power output	950 watts
Tool fixture	5/8-11
Weight	8.15 lbs

DS Item #	Description
23014213	MS 1706 FR



FLEX LCD 1509 FR

FR electronic control with tachogenerator constant speed control, soft start, overload protection and temperature monitoring. Vacuum dust collection protects against abrasive dust, reduces disc wear and keeps concrete pores open for the new coat. Spindle lock. Guard with pivoting segment to allow grinding right up to the wall. Height adjustable to the disc height and for optimum dust extraction.

Standard equipment:

Clamping nut, guard with pivoting edge segment, bail handle, cable clip, hose clip, wrench holder, hexagon socket screw key, pin wrench and metal carrying case.



Designed for concrete

NEW

Specifications	
Disc diameter	5"
Speed, without load	10 000 rpm
Power Input	10.5 amp.
Power Output	120 volt
Tool fixture	5/8-11
Weight	6.4 lbs

DS Item #	Description
23014214	LDC 1509 FR



ALPHA ECG-125

The Alpha® Ecogrinder is the ideal high performance grinder with a built-in vacuum system. It is designed for continuous production in fabrication shops as well as job sites.

Standard equipment:

- Dust Bag
- Dust Hose
- Dust Gate w/Anti Back Flow Flap
- Spring Loaded flange Assembly
- Extra Carbon Brush Set
- Open End Spanner Wrench
- Top Handle
- Fan Belt Set (2 pcs)
- 5" Grinding Wheel (DSQ0500)

Dust bag and dust bag carriage available and sold separately.

Specifications	
Rating	110 volts
Amperage	10.25 amp.
Power	1 050 watts
No-load Speed (min ⁻¹)	8 700 rpm
Weight	12.70 lbs
Arbor	7/8"
Wheel Size	5"

DS Item #	Description
23014620	ECG-125





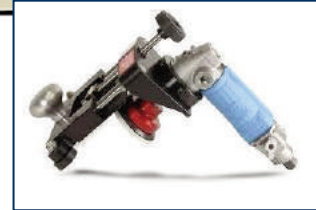
Accessories

SEAM PHANTOM

The Seam Phantom® is an innovative system for producing near perfect seams in all types of stone and quartz. The system utilizes a diamond cup wheel followed by up to three diamond abrasives and a precise depth adjustment to eliminate chips and produce a clean sharp edge. The rigid design and Glide Guide straight edge keep each half of the seam straight and true. The result, a nearly invisible seam.

Includes:

- Seam Phantom ®
- 48" Glide Guide Rail (72"/96" Sold Separately)
- SL3 Adapter - 5/8-11 Thread (Also Available in M14 Thread)
- 60 Grit SL3 Rigid Turbo
- 150 Grit SL3 Rigid Turbo
- 300 Grit SL3 Rigid Turbo
- 2" SL3 Cup Wheel
- Tool Box
- GFCI Adapter
- 2 Gauge Blocks
- 2 C-Clamps
- Splash Guard Angle
- Spray Skirt
- Shim Washers (for angle adjustment of the grinding head)
- All Required Hardware
- Instruction Manual



DS Item #	Description
25015279	SEAM PHANTOM ELECTRIC PACKAGE (MAKITA NOT INCLUDED)
25015278	SEAM PHANTOM AIR PACKAGE (AIR GRINDER NOT INCLUDED)

shown optional air polisher and seam phantom.

See Seam Phantom Cup Wheels on page 4.26 and Seam Phantom Polishing Pads on page 4.41.

ALPHA BEVELING BASE

Turns any polisher or variable-speed grinder into a precision straight and beveled edge polishing tool. Whether the edges are being prepared for a seamless countertop installation, or to give a Hollywood Bevel as the edge treatment, this will provide a secure polishing angle (between 15 to 90 degrees). The installation and dismantling is quick and easy so the same tool can be used for many other applications.



DS Item #	Description
Call us	Alpha Beveling Base



Protect your Polished Surface by using the protective films.
See section 17 Tapes, page 17.5



Accessories

ALPHA HEPA VACUUM

Powerful 2-hp motor and an extra-large capacity HEPA filter system.

The HEPADV10 Dry Vacuum offers the air flow efficiency of vacuums costing three times as much.

The certified HEPADV10 is manufactured to the same high-quality standards as you expect from Alpha® and includes a high-efficiency 'Drop-in' style HEPA filter individually certified to have a minimum efficiency of 99.97% at .3 microns (based on 1EST-RP-CC007 particle count test method). Dry use only (Dust collection), 110 CFM Airflow.

- A 'never-clog' dacron bag for superior pre-filtration
- Blow molded poly canister with low center of gravity design prevents tipping
- Positive locking, full swivel hose connection system for easy handling and operation
- Low noise allows for use in sound sensitive areas.
- Includes complete set of tools
- 50 foot power cord
- Automatic start with tool-triggered control
- 10 ft. x 1.5 in. crushproof hose



DS Item #	Description
Call us	Alpha HEPA Vacuum 10gal.

FLEX VC12 VACUUM

12 Gallon Stainless Steel Vacuum delivers the rugged durability and professional performance you need for shop, workshop or on-site work. Use wet or dry, 175 CFM airflow.

- Super Quiet Operation.
- Tank drain lets you drain water without lifting the unit.
- Variety of 1.25" accessories
- Static guard strap
- Dolly with tool holder
- Extra outlet on vac for power tools for automatic start and stop.
- HEPA Filter optional.



DS Item #	Description
23014407	FLEX VC12 VACUUM WET/DRY W/HEPA FILTER



Accessories

ALPHA® DUST-FREE GUARDS

TYPE CD – DUST & WATER GUARD FOR CORE DRILLING

Can contain dust and water when drilling with up to a 2-1/2" diameter core bit. It can be secured on horizontal and vertical surfaces with vacuum during the application.



DS Item #	Description
23112077	Ecoguard type CD

TYPE C – HYBRID DUST COLLECTION COVER FOR CUTTING

Use when cutting with dry blades up to 5" in diameter. High-quality construction for heavy-duty applications. This hybrid dust collection cover eliminates the mess and can be used with or without a vacuum!



DS Item #	Description
23112007	Ecoguard type C

TYPE W5 – DUST COLLECTION COVER FOR WIDE KERF CUTTING

For wider blades. Must be used with a vacuum, or other dust collection system, to successfully collect the dust and larger particles. Cutting depth is easily adjusted by using a simple wing nut operation. A nose guide indicates the cut line. Made with clear polycarbonate material.



DS Item #	Description
Call us	Ecoguard type W5

TYPE G – DUST COLLECTION COVER FOR GRINDING

Use when grinding with wheels up to 5" in diameter. High-quality construction for heavy-duty applications. This dust collection cover creates a virtually dust-free environment when connected to a vacuum.



DS Item #	Description
23112004	Ecoguard type G

TYPE EG – ECONOMY GRINDING DUST COLLECTION COVER FOR LARGER GRINDERS

Fits most 6"-8" grinders. When connected to your industrial vacuum, it moves easily for the operator making a virtually dust-free grinding application.



DS Item #	Description
Call us	Ecoguard type EG

DS TECH TIP

ALPHA® FILTER/REGULATOR MANIFOLD SYSTEMS : A PROACTIVE STEP FOR PNEUMATIC TOOL LONGEVITY.

Created to help eliminate potential issues caused by rust or contamination in the pipes or connectors feeding the pneumatic tools, it also helps prevent pressure drops when using a large volume of air, so the pressure can be set on the tools at 85 PSI, while the main system can run at 125 PSI. The systems consist of a Filter/Regulator with a shut off/dump valve and an aluminum manifold with three or more aluminum quick disconnects. It is designed for installation at the point of use and is configured to adapt to the existing shop piping and increase the life of the tools. **Call us to discuss which model is right for you!**



Introducing the Next Generation...

AIR-300

Mini Air Polisher!



Introducing the Alpha® AIR-300, designed for unique applications that are difficult to accomplish using conventional polishers.

A smaller version of the well-known Alpha®

AIR-658, the AIR-300 is ergonomically designed to fit comfortably in your hand and only weighs 1.6 pounds reducing fatigue from long hours of polishing. The smaller design is easy to maneuver and produces flawless sink rims and bowls. The Alpha® AIR-300 accepts 3" and 4" discs along with 2", 3" and 4" rubber pads. It requires a 3HP compressor with air consumption of 10 CFM and air pressure between 85–95 PSI that makes on-site applications possible. The Alpha® AIR-300 Polisher, a must have for all fabricators!

PART NO.	DESCRIPTION
AIR-300	Mini Air Polisher
AIR-008	Lubrication Oil for Pneumatic Tools (8oz.)

Specifications:

Air Consumption.....	10CFM (280 l/ Min)
Air Pressure.....	87 PSI (0.6Mpa (6 bar))
Speed (no load).....	5,800 RPM
Weight.....	1.60lbs/.731kg
Spindle.....	5/8"-11
Air Inlet.....	1/4" BSPT
Water Inlet.....	1/4" BSPP

Equipment Included:

- Air Lead Hose - 10' (3m)
- Water Hose - 10' (3m)
- Lubrication Oil (1oz / 30cc sample bottle)
- Faucet/Garden Hose Adapter
- Wrench (17mm)

 **Alpha Professional Tools®**

THE DEPTH OF FLEX

From Top To Bottom Nobody Matches The Depth Of FLEX

DEPTH OF EXPERIENCE

For over 80 years FLEX has focused on tool engineering and design to provide craftsmen with the most agile, highly productive tools in the industry.

DEPTH OF PRODUCT EXCELLENCE

FLEX offers a full line of heavy duty power tools for working in concrete, asphalt, brick and cinder block... as well as tools to tame all types of natural stone including granite, marble, slate, onyx and limestone.

DEPTH OF INDUSTRY KNOWLEDGE

The industry's deepest line of wet and dry products for angle grinding, flat grinding, edge milling, drilling, core drilling, sawing, sanding and polishing.

FLEX

NORTH AMERICA, INC.

Call us to discuss your FLEX tooling needs! - 1.800.567.2778





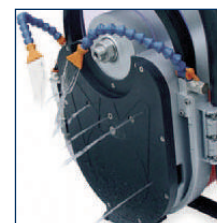
Portable Routers

GHINES SECTOR

Electric portable shape milling machine available in single, triple or multi-speed versions. Although three models are available, we recommended the Sector TripleSpeed for stone fabrications. The Triple Speed takes it's name from the three distinct rotation speeds. Synthetic materials made necessary an intermediate speed not to overheat the resin bonded components, with the high risk to become opaque. Therefore we have : Max speed 10 000 rpm stock removal and finishing of natural materials (marble, granite, etc.); Intermediate speed 6 000 rpm stock removal and finishing of any type of synthetic; min. speed 2 600 rpm polishing of all the materials (natural and synthetic).



Aquawheel



Aquaplaning

DS Item #	Description	RPM
25020102	Single Speed	9 500
25020101	Triple Speed	2 400 / 6 000 / 10 000
25020100	Multi Speed	2 400 to 10 000

OMA HYDRAULIC ANTAREX

The Antarex machine is an hydraulic manual milling machine that is unique in its field with no equivalent on the market. It can be used to drill pilot holes for faucets and cut sink holes. This machine can be used free style or with a template in PVC or in plywood 6 mm thick. Even being a portable machine, it works at high levels in terms of high quality and precision performances, like a CNC machine! The cutting perfection is reached through a tool applied on a spindle that can do up to 44,000 rpm. Thanks to the vertical cutter, you will able realize great craftworks highlighting the professionalism and the detail carefulness of the finished product. Without the need for electric current at the workstation, it eliminates the risk of electric shocks. Requires a hydraulic pump or power unit and bits (granite or marble) that are sold separately.



DS Item #	Description
25020093	Antarex
25020095	Hydraulic Pump

OMA BITS

DS Item #	Description
33012614	Sintered for granite
33012627	Electro Plated for marble



**Parts available!
Call us**



Bush Hammering

FLEX LST 1503 VR

A lightweight, compact and easy to control bush hammering machine. The amount of roughening can be controlled through the variable speed feature. Also includes guide to create on stairs. The rotating bushhammer with the hard-metal discs cushioned by rubber shock absorbers which reduces vibration and is easy on your joints. The machine can be expertly guided by the grip hood.

Advantages at a glance:

- FLEX four-fold full-wave electronics: with speed control, soft start, overload protection
- Dust extraction: for use even in occupied buildings
- Quality shut-off carbon brushes: if the carbon brushes wear down, the motor will be automatically switched off and thus protected from damage

Standard equipment:

- 1 grip over
- 1 guide for stairs
- 100 mm plate
- 1 hexagon sochet screw key
- Includes one set of 3 bush hammering heads



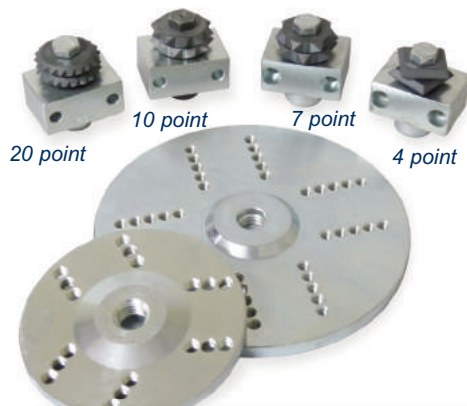
Specifications	
Speed without load	1 000-3 000 rpm
Power input	11 amp.
Working Width	40-92 mm
Weight	13.0 lbs

DS Item #	Description
23014545	LST 1503 VR

REPLACEMENT BUSHHAMMERING HEADS

Heads are easily and quickly replaced on Flex Grinder or plate. Finish varies depending on number or points on head.

- Sold by single head
- More points = finer finish
- Stairs : Recommend 7 or 10 point finish



HEADS

DS Item #	Description
23014619	Replacement heads with 4 points rollers
23014547	Replacement heads with 7 points rollers
23014570	Replacement heads with 10 points rollers
23014546	Replacement heads with 20 points rollers

PLATES

DS Item #	Description
23014599	100 mm for Flex LST 1503 VR
23014600	150 mm plate only for other machine

For jobs that require more precise bushhammering or texturing,
see section **Hand Carving and Cutting Tools**.

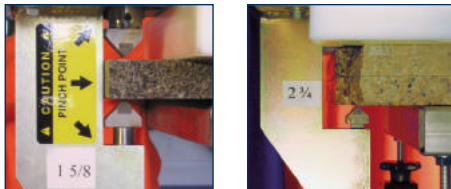


Edge Chiseling Machine

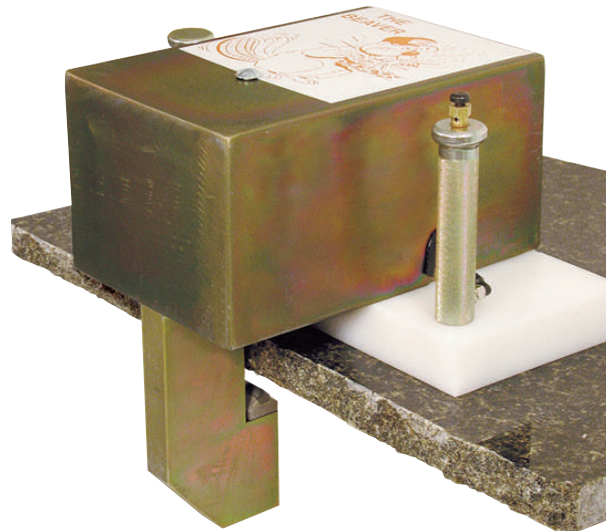
STONE PRO - ROCK PITCH SLAB EDGER

Create a natural stone edge with ease with The "Beaver" from Stone Pro. Anyone can rock pitch perfectly with this easy to use machine. No more broken corners or sloppy edges. Air Supply: 3 cfm at 90 psi (1/4" npt connection). Plastic base plate prevents scratching. Creates a natural chiseled edge. Great for inside and outside radius edging and 90° corners. Comes complete and ready to use.

- Small Beaver - 3/4" up to 1-5/8"
- Large Beaver - 3/4" up to 2-3/4"



DS Item #	Description
25014522	Small Beaver
25014523	Large Beaver



THE ROCKBITER I

The Rockbiter I from Rockbiter Stone Tools safely and efficiently chisels from 2cm to 4cm on all stones. It will create that beautiful chiseled edge from 2 cm to 4 cm on all stones in less than half the time spent on traditional hand and chisel methods.



DS Item #	Description
25014614	Rockbiter I
25014617	Replacement blades for Rockbiter I
25014620	Replacement bolts for blades for Rockbiter I

THE ROCKBITER II

The Rockbiter II from Rockbiter Stone Tools safely and efficiently chisels 6 cm on all stones. It will create that beautiful chiseled edge from 6cm on all stone in less than half the time spent on traditional hand and chisel methods.



DS Item #	Description
25014615	Rockbiter II
25014618	Replacement blades for Rockbiter II
25014621	Replacement bolts for blades for Rockbiter II



Drills

SHIBUYA HAND-HELD PISTOL GRIP CORE DRILL

The RH1532 is a multi-purpose drill that can be used with or without a drill stand. It is designed for wet or dry drilling in reinforced concrete, rock, and masonry for piping works such as air conditioners, electricity, telephone, gas, water, etc.

Features:

- Pistol grip style handle provides balance and leverage
- 3-speed gearbox with high, medium and low speed
- Spindle shaft of 1/2" GAS female thread. For bits other than 1/2" GAS male an adapter must be used. A 5/8" – 11 and a 1-1/4"-7 threaded adapter are included with the drill
- Two-bubble levels – one on the side and the other on the back of the drill ensure level drilling
- Equipped with an inline GFCI (ground fault circuit interrupter) and under voltage dropout
- Multi-position removable side handle
- A 3-position water connection
- Equipped with electronic control device with three LED indicators:
 - 1) Green light for normal load
 - 2) Flashing red light for maximum load and a solid red light indicates overload
 - 3) An orange light advises when regular maintenance is needed.
- Circuit protector and overload switch protects drill motor by turning drill off when drill is overloaded
- Built-in breaker switch for hand operation
- Equipped with soft start. Top speed of the spindle revolution is reached about on second after the trigger switch is pulled (hand-held mode) or the circuit protector is turned on (rig mounted mode)
- Concealed switches with circuit protector for rig mounting
- Inner gear system protects gear parts if core bit is suddenly jammed due to obstructions
- Includes molded plastic storage case with for safe, convenient storage



RH1532 and Accessories as shown:

- RH1532 drill
- Squeeze clamp
- Fixed base column and carriage
- Vacuum pad
- Fixed bolt-on spacer
- 5" water /dust rin
- Vacuum pump

Specifications	
Power	15 amp. / 115 volts
Speed (no load)	800 / 2000 / 4150 rpm
Speed (under load)	560 / 1400 / 2900 rpm
Bit capacity	(Max. hand held) 4"
Bit capacity	(Max. fix mounted) 6.5"
Weight w/o accessories	16 lbs / 7.25 kg

DS Item #	Description
25014600	Shibuya Hand-Held Pistol Grip

Speed range	Hand held	Rig mounted	Rev/Min (no load)	Drilling diameter recommendation
H	✓	✓	4150 rpm	1/2" to 1"
M	✓	✓	2000 rpm	1-1/8" to 2-3/8"
L	-	✓	4150 rpm	2-1/2" to 7"



Drills

SHIBUYA TS-092 CORE DRILL

- Compact 10 Amp one-speed (970 RPM) or (1750 RPM) low noise motors
- Built-in on/off switch with low voltage drop-out and motor overload protection
- Multi-position water swivel inlet for convenience
- Right and left hand feed handle positions
- Carrying handle for easy lifting
- Compact 22" column with 13" stroke
- 1-5/8" x 1-5/8" square column
- 5-1/2" wide x 7-3/4" long anchor or angle anchor bases with self-cleaning leveling screws and built-in water collector ring fixture
- Optional removable vacuum pads for versatility
- Lightweight extruded steel column for greater strength and tighter tolerances
- Tool kit includes 2 wrenches, 2 allen keys, core removal wedge lasso, anchor stud w/washer, nuts and pouch & adapter for 1-1/4" – 7 & 5/8" - 11 threads
- Includes water collector ring
- 12 month warranty
- Maximum 10" length core bit



Bit not included.



Specifications	
Base style	Angle base
Motor	R1012 / R1011
Power	10 amp.
Speed (no load)	1750 rpm / 970 rpm
Max. bit capacity	6"
Column length	22" 560 mm
Weight	20 lbs

DS Item #	Description
25014590	Shibuya TS-92



Drills

M-1 COMPLETE ANCHOR RIG WITH MILWAUKEE MOTOR

Features:

- 2-1/2" square column (mast) with black oxidized finish
- 6" wheels for easy mobility
- Dual switch/outlet control panel with AMP meter
- Vacuum pump for quick mounting to flat surface without drilling an anchor hole (included with combination rig)
- 4 leveling screws on the base

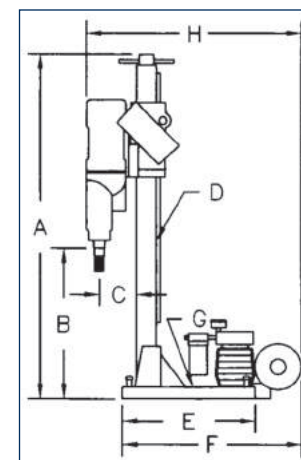
Benefits:

- Slide handle allow drilling in tight areas
- Combination base is a quick change over from vacuum to anchor base
- Slide handle permits drilling tight areas
- Ceiling jack helps keep the rig in place as a backup for anchoring or vacuuming the base down (used with a brace piece – 2 x 4 or other material)

Drill stand only includes: base, column (mast), carriage, ceiling jack, motor mount plate control panel, vacuum pump, ceiling jack and wheel kit.

Complete combination rig includes: combo anchor/carriage, motor mount, control panel, vacuum pump, ceiling jack and wheel kit.

Complete anchor rig includes: small anchor base, drill motor, column (mast), carriage, control panel, ceiling jack and wheel kit.



COMPLETE M-1 COMBINATION DRILL RIGS WITH VACUUM PUMP

DS #	Model #	Motor	Motor RPM	Uncrated/Crated Weight (lbs)
Call Today	M1C-20-MW4004-V	20 amp. Milwaukee	300/600	129/140
Call Today	M1C-20-MW4096-V	20 amp. Milwaukee	450/900	129/140
Call Today	M1C-20-MW4005-V	20 amp. Milwaukee	600/1200	129/140
Call Today	M1C-20-MW4097-V	15 amp. Milwaukee	500/1000	129/140

COMPLETE M-1 COMBINATION DRILL RIGS WITHOUT VACUUM PUMP

DS #	Model #	Motor	Motor RPM	Uncrated/Crated Weight (lbs)
Call Today	M1C-20-MW4004	20 amp. Milwaukee	300/600	108/114
Call Today	M1C-20-MW4096	20 amp. Milwaukee	450/900	108/114
Call Today	M1C-20-MW4005	20 amp. Milwaukee	600/1200	108/114
Call Today	M1C-20-MW4097	15 amp. Milwaukee	500/1000	108/114

COMPLETE M-1 COMBINATION DRILL RIGS

DS #	Model #	Motor	Motor RPM	Uncrated/Crated Weight (lbs)
Call Today	M1A-20-MW4004-V	20 amp. Milwaukee	300/600	91/97
Call Today	M1A-20-MW4096-V	20 amp. Milwaukee	450/900	91/97
Call Today	M1A-20-MW4005-V	20 amp. Milwaukee	600/1200	91/97
Call Today	M1A-20-MW4097-V	15 amp. Milwaukee	500/1000	91/97

M-1 ANCHOR RIG DIMENSIONS

- | | | |
|------------|------------------|-------------|
| A. 43-3/4" | D. 2-1/2" square | G. 6" width |
| B. 24-1/2" | E. 11" | H. 18-1/2" |
| C. 5-5/8" | F. 16" | |

Location to drill anchor hole = 12" Measured from the center of the motor spindle to the center of the anchor/vacuum slot on base.

M-1 COMBINATION RIG DIMENSIONS:

- | | | |
|------------|------------------|------------------|
| A. 44-1/4" | D. 2-1/2" square | G. 13-1/2" width |
| B. 24-1/2" | E. 17" | H. 23-1/2" |
| C. 5-5/8" | F. 23" | |

Location to drill anchor hole = 12-1/2" Measured from the center of the motor spindle to the center of the anchor/vacuum slot on base.



Power Tools Parts

DERUSHA SUPPLY AUTHORIZED WARRANTY REPAIR CENTRAL

FLEX

ALPHA

DERUSHA SUPPLY REPAIR ALL MAJOR TOOL BRANDS

GISON

OMA
SYSTEM

GHINES
smart machines

CYCLONE
BY DABAK

Your one shop stop for all part needs.
Call us or visit our website for parts lists!

FLEX NORTH AMERICA WARRANTY

FLEX North America warrants its Professional Power Tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty, which after examination, proves to be defective in workmanship or material during the warranty period. For repair or replacement, return the complete tool or accessory, transportation prepaid, to Derusha Supply. Proof of purchase may be required. This warranty does not apply to o-rings and driver blades, or to repair or replacement due to misuse, abuse, normal wear and tear or repairs attempted or made by someone other than Derusha Supply. The PLW923 S Air Stone Sander/Polisher has a 90 day manufacturers warranty. Pneumatic Tools carry a 90 day warranty from the date of purchase.

ALPHA WARRANTY POLICY

**Misuse, improper service, altered, disassembled, or tools repaired by an unauthorized repair center voids the warranty. Normal wear and routine maintenance are not covered under warranty.*

- Any tool sent in for repair during the warranty period that is not found to have defects in material and/or workmanship, will be quoted labor and materials.
- The customer is responsible for all freight charges to send tools for repair. Tools will be shipped back to the customer freight prepaid.
- All quoted tools that are processed as DNRR (do-not-repair-return) will be sent back unassembled at the customer's expense.
- All tools that are repaired carry a 30-day warranty All Tools Carry a One (1) Year Warranty* End-User Loaner for Tools Sent In for Repair (subject to availability) - All freight charges are paid by the customer. The customers' will be charged the full list price of the tool if the loaner tool is not returned within 30 days.



Saws

Rail Saws 2.2

Quickie Saws 2.4

Tile & Paver Saws 2.5

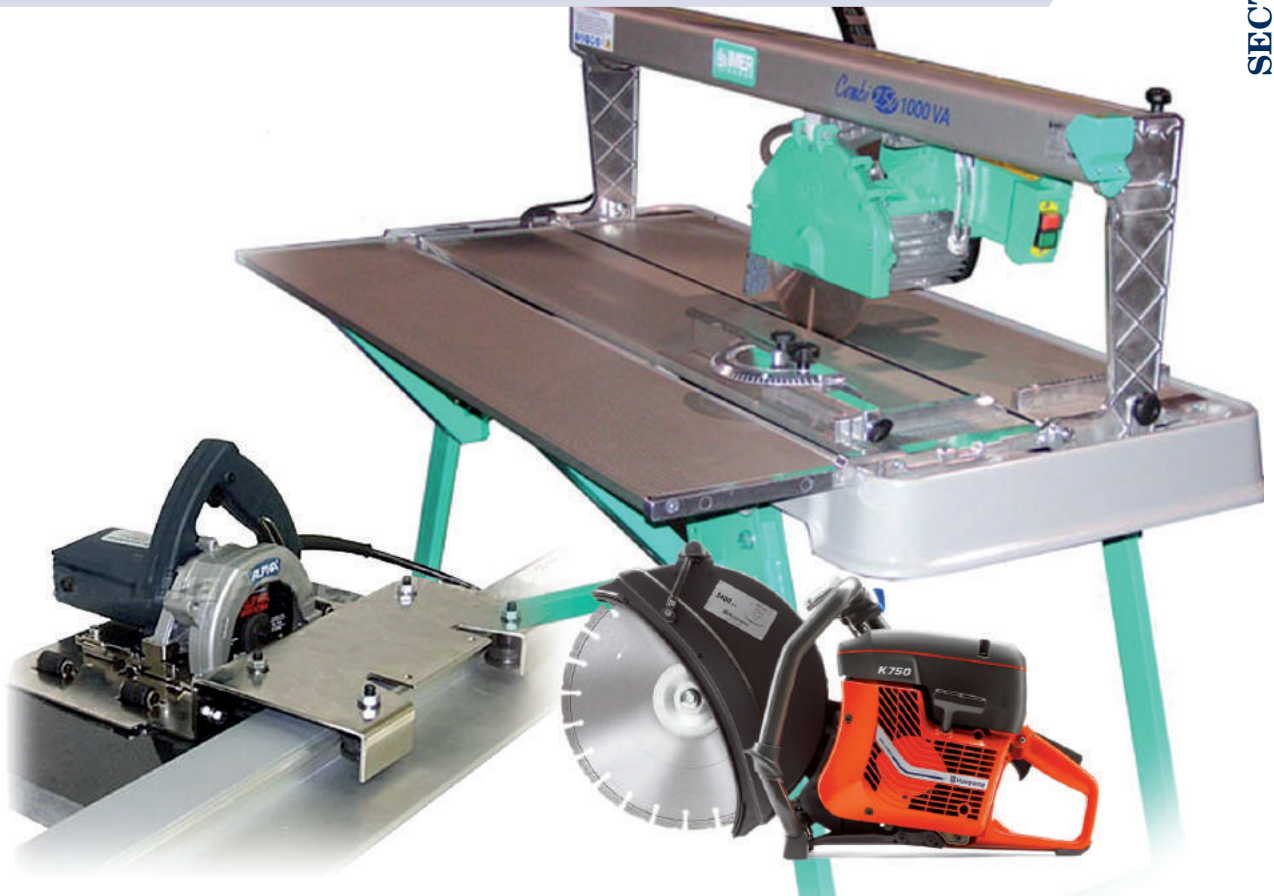
Job Site Saws 2.7

Bridge Saws 2.11

Block Saws 2.15

Wire Saws 2.16

SECTION 2. SAWS





Rail Saws

ALPHA® AWS-125

High Power 11.2 AMP motor. Wet cutting saw for Tile and Stone. Accepts curve cutting blades. Includes GFCI, water valve and hose, straight cutting guide.



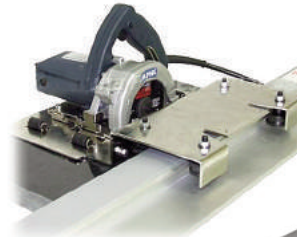
AWS-125

Specifications	AWS-125	AWS-110
Rating	110v	110v
Amperage	11.2 / 5.5	11.2 / 5.5
Power	11.2 / 5.5	11.2 / 5.5
No-load Speed (min ⁻¹)	12,000 rpm	Wrench
Weight	7.2 lbs / 3.3 kg	6.8 lbs / 3.1 kg
Arbor	7/8" / 22 mm	20 mm
Cutting Disc Diameter	5" / 125 mm	4.5"
Max. Cutting Depth	1-5/8" / 41 mm	

DS Item #	Description
23014488	Alpha AWS-125
23014489	Alpha AWS-110

ALPHA® UNIVERSAL ALUMINUM RAIL SYSTEM

The Alpha® Guide Rail System is an accessory to AWS Series Wet Stone Cutter. High quality straight edges constructed of sturdy cast aluminum.



AWS CARRIAGE WITH AWS SAW AND RAIL SHOWN



RAIL ONLY SHOWN

DS Item #	Description
24014640	4' Rail
24014641	7' Rail
24014643	12' Rail
24014642	Carriage assembly

FLEX CS-40

Powerful 12 amp motor. Wet cutting saw for Tile and Stone. Includes GFCI, water valve and hose, straight cutting guide.



NEW

blade not included

Specifications	AWS-125
Supply Power	110v-60hz
Rated Current	12 amp
No Load Speed	12,000 rpm
Blade Size	5" x 7/8" (With 20mm adapter ring)
Tilting Range	0-45°
Maximum Cut	at 90° 41mm
Minimum Cut	at 45° 26mm

DS Item #	Description
23014406	Flex CS-40

ALPHA® PSC-150

Powerful 2hp Motor. Can Be Used Wet or Dry. Produces Precise Miter Cuts. Max 6" blade. Min 32 CFM (1HP) and Max 48 CFM (2HP). Includes water and air hose, lubricant and 6" blade.



DS Item #	Description
23014487	Alpha PSC-150



For Pneumatic Saws & Grinders,
see section 1 Electric & Air Power Tools.



Rail Saws

BLUE RIPPER RAIL SAW

Fastest portable rail saw on the market today! This saw can cut through 2cm of Absolute Black at the amazing speed of 10ft. per MINUTE!

Features:

- Uses 14" blade with sturdy 8" flange (60 mm bore)
- Standard 3/4" quick disconnect water fittings with 10ft of hose!
- Cuts next to rail, needs no gages, no shims or off set measurements!
- Rails are rigid and durable due to single-piece stainless steel and anodized aluminum construction
- 3HP 220v 1730 RPM Air Cooled Induction Motor
- 5HP 220v 3450 RPM Custom Water-Cooled Induction Motor
- Inline GFCI (Ground Fault Circuit Interrupter)
- Rails can be sold separately



DS Item #	Description
24014610	Blue Ripper with 3 hp
Call us	Blue Ripper with 5 hp

BD-1272 WET CUTTING RAIL SAW

Features:

- Adjustable height plunge-cutting head
- Light weight precision extruded aluminum rails provide accurate and even tracking during all cutting operations
- Rails have replaceable slip-on pads to protect material surface from scratches
- Precision, maintenance-free bearings provide smooth and reliable tracking of the cutting head
- Replaceable dust filter
- Valve controlled water feed
- 115V standard U-ground electrical cord and GFCI
- Blade not included

BD-1272 SAW SHOWN
WITH ONLY ONE 72" RAIL



Specifications	
Motor	120v / 50-60Hz
Amperage	15
Horsepower	1-3/4
Blade RPM	3,500
Blade Capacity	12" (254 mm)
Arbor	1" (25.4 mm)
Length of Cut	130" (3,202 mm)
Depth of Cut	2-7/8" (73 mm)
Depth of Cut at 45°	2-1/4" (57 mm)

DS Item #	Description
24014906	BD-1272 Saw
Call us	Optional Vacuum Clamp System

BD-1272 OPTIONAL
VACUUM
CLAMP SYSTEM



Achilli TSA PORTABLE RAIL SAW

This is an outstanding saw : The motor is extremely reliable. it simply cannot be overloaded when cutting up to 4cm granite. The Track Rail Beam System isn't a 2 beam track like other granite and stone rail saws. It comes in 3 individual 4' sections for easy movement, multiple uses, cross cuts, etc. The Achilli Rail Saw will not deflect, twist or cut out of line during the full length of cut.

Features:

- 3 HP Single Phase Motor
- 1700-3400 RPM 230V - 60hz
- 127" length of cut
- Cutting Depth: up to 1-1/2"
- Rails: 12' length (3 sections)
- 12" and 14" Blades diameter (1" bore)
- Machine weight: 103 lbs.



DS Item #	Description
24014506	Achilli TSA Portable Rail Saw



Quickie Saws

Husqvarna® K760

The Husqvarna K760 Cutter features a unique power-to-weight ratio, our most popular gas power cutter.



Technical data:

- Power output: 6.5hp / 4.8kW
- Blade diameter: 12"/14" / 300mm / 350mm
- Max cutting depth: 4"/5" / 100mm / 125mm
- Sound pressure level at operators ear: 104 dB(A)
- Sound power level, guaranteed (LWA): 115 dB(A)
- Weight (excl. cutting equipment): 9.6 / 9.8 kg

DS Item #	Description
24014908	K760 Gas Powered Saw

Husqvarna® K1260

The Husqvarna K1260 Cutter is the market's most powerful cutter, with an impressive 5.8 kW (7.8 hp) output.



Technical data:

- Power output: 7.9hp / 5.8kW
- Blade diameter: 14"/16" / 350mm / 400mm
- Max cutting depth: 5"/6" / 125mm / 145mm
- Sound pressure level at operators ear: 103 dB(A)
- Sound power level, guaranteed (LWA): 117 dB(A)
- Weight (excl. cutting equipment): 13.7/14.4 kg

DS Item #	Description
24014945	K1260 Gas Powered Saw

Husqvarna® K970 RING

The Husqvarna K970 Ring Cutter is the world's first gas-powered cutter able to make 10.6" deep cuts with a 14" blade.



Technical data:

- Power output: 4,8 kW
- Blade diameter: 370mm
- Max cutting depth: 270mm
- Sound pressure level at operators ear: 104 dB(A)
- Sound power level, guaranteed (LWA): 115 dB(A)
- Weight (excl. cutting equipment): 13.8 kg
- Cylinder displacement: 93,6 cm³

DS Item #	Description
24014895	K970 Ring Saw

Husqvarna® K 3000 WET

The Husqvarna K3000 Wet Cutter. A powerful, versatile electric cutter with wet cutting kit.



Technical data:

- Rated output: 2700/1800/2200W
- Blade diameter: 350mm
- Max cutting depth: 125mm
- Sound pressure level at operators ears: 95 dB(A)
- Sound power level, guaranteed (LWA): 105 dB(A)
- Voltage: 230/120/110V
- Weight including cutting equipment: 8.5 kg
- Rated current A: 12/15/20A

DS Item #	Description
24014923	K3000 Electric Saw



Tile & Paver Saws

GEMINI XT

With similar construction to your standard high quality 10" tile blade, Revolution XT blades have no center, and are driven from the outside delivering several advantages :

- The ability to make STRAIGHT or CURVE cuts
- Easily cut a slice off the edge of your material
- The blade remains stable and rigid without wandering
- The ability to have diamond coating on the front and back (with double sided blade) making FORWARD as well as BACKWARD cutting possible
- Use the same blade for all materials. There is no need to change blades
- Material will never glaze over, so there is no need to ever dress the blade



**XT SHOWN WITH
OPTIONAL STAND**

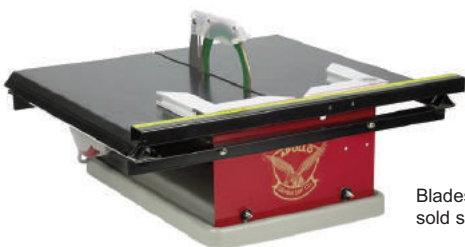
5223 Gemini Revolution XT Curve Cutting Saw	
Motor	Belt Driven 120v / 60Hz
Horsepower	1 hp
Length of Cut	Unlimited
Diagonally Cuts	Unlimited
Weight	39 lbs
Plunge Feature	N/A
Blade Capacity	10"
Depth of Cut	2"

DS Item #	Description
24014660	Gemini XT

APOLLO

Combining the best features of precision cutting ring saw technology with traditional tile saw concepts in a revolutionary design, the Apollo takes your ability to transform glass and tile into any shape to new heights. Make straight cuts up to 16" diagonally, slice through materials up to 3" thick and create intricate shapes even in thick tile all with one saw.

- Change blades quickly and easily
- Quick and easy set up
- Grinds as it cuts producing smooth edges
- Smooth glide work surface and guides make straight cuts easy
- Powerful motor delivers 10 times the torque of a standard tile saw for fast, clean cuts



Blades and Blade cartridges are sold separately.

Specifications	
Horsepower	1/3
Voltage	110V
Weight	32 lbs
Saw Dimensions	11" x 20" x 21"
Warranty	3 Year Manufacturer

DS Item #	Description
24014924	APOLLO RING SAW W/O CARTRIDGE 110V
24014926	APOLLO SLIM BLADE REPLACEMENT
24014925	SLIM APOLLO WIRE CARTRIDGE ASSEMBLY



Tile & Paver Saws

IMER COMBI 200VA 8" & 250VA 10"

This saw is light weight yet packs serious performance for a portable tile saw. A 3 gallon pan capacity, means less time is spent refilling the pan and more time cutting. More cutting time means more productivity!

Specifications	200 VA 8"	250 VA 10"
Blade diameter	8"	10"
Blade shaft diameter	5/8"	5/8"
Max. cutting length (w/plunge cut)	21" (24")	28" (31")
Max. cutting depth	2-3/4"	3-3/4"
Motor rating	1.75 hp, 110v, 15 amp.	1.75 hp, 110v, 15 amp.
Blade speed	2,800 rpm	2,800 rpm
Weight (boxed, includes stand)	48 lb (68 lb)	72 lb (85 lb)
Water pan capacity	5 gal.	10 gal.
Water pump flow	3 gpm	3 gpm
Noise level 78 db(A)	It's real quiet!	It's real quiet!

DS Item #	Description
24014602	200 VA 8"
24014679	250 VA 10"

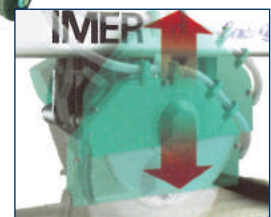


IMER COMBI 250/1000 LITE 10" AND 250/1500 LITE 10"

Designed to cut today's tile and stone pieces which are larger and more expensive than in years past. Using precision cast aluminium and modern hi-tech design and manufacturing methods we have created a saw which is accurate, light, and extremely reliable.

Specifications	250/1000 Lite	250/1500 Lite
Blade diameter	10"	10"
Blade shaft diameter	5/8"	5/8"
Max. cutting length (w/plunge cut)	37" (40")	57" (60")
Maximum cutting depth	3-3/4"	3-3/4"
Motor rating	1.75 hp, 110v, 15 amp.	1.75 hp, 110v, 15 amp.
Blade speed	2,800 rpm	2,800 rpm
Weight (boxed)	82 lbs (95 lbs)	125 lbs (150 lbs)
Water pan capacity	12 gal.	13 gal.
Water pump flow	3 gpm	3 gpm
Noise level	78 db(A) It's real quiet!	78 db(A) It's real quiet!

DS Item #	Description
24014694	Combi 250/1000 Lite 10"
24014529	Combi 250/1500 Lite 10"





Job Site Saws

6IMER COMBICUT 350/1200

The all new 350/1200 iPower is more powerful and accurate than ever before. The new 4 hp motor combined with the laser guide ensures that cuts are made quickly and accurately. Cut 24"x24" pavers on a diagonal, 48" pieces of marble and granite up to 4-3/4" in depth. This saw is versatile and reliable.

*The Best Tile,
Stone & Masonry
Saw in the World!*

Specifications

- Blade diameter 14"
- Blade shaft diameter 1"
- Max. cutting length - includes the plunge 48"
- Max. cutting depth 90/45 degrees 4-3/4" / 2-1/3"
- Motor rating 4 hp / 220 v / 15 amp.
- Motor speed 2,800
- Cutting table dimensions 55" x 27.5"
- Weight (crated) 265 lb (300 lb)
- Water pan capacity 10 gal.
- Noise level 75 db(A)

Operating dimensions (boxed)

- Length 69" (70")
- Height 55.5" (60.5")
- Width 30" (30.5")

Precision

With 48 inches of cutting length, and accuracy to 1/32", the COMBI 350/1200 delivers the performance required by the most demanding installations. GUARANTEED !

Reliability

The water pan is made with ABS plastic, it is very crack resistant.

Flexibility

The cutting head may be moved up and down for perfect plunge cuts. The cutting head may also be locked in place at any height.

Quality

The stainless steel cutting surface and jig welded frame are tough, 24" x 24" pavers, bring 'em on! 4" thick pre-cast pieces, no problem! Cutting marble and granite to be set with virtually no grout line, consider it done!

Standard

The stainless steel protractor is the only truly accurate rip guide available in the industry.



DS Item #	Description
24014603	Combicut 350/1200



Job Site Saws

IMER MASONRY 350 SMART CUT

Cutting bricks, blocks, paving stones, or tile is a breeze with this saw! The Smart Cut 350 delivers very accurate cuts up to 30" in length, and 4-3/4" deep. The 2 hp motor provides plenty of power. Remember, always check your jobsite voltage and use a 10 gauge cord, you want to be able to take advantage of all that horsepower!

Specifications

- Blade diameter 14"
- Blade shaft diameter 1"
- Motor 2 hp, 110 volts / 15 amp.
- Max. cutting length (w/plunge cut) 26" (30")
- Max. cutting depth 4-3/4"
- Cutting table dimensions 20" x 16"
- Cutting surface height 33.5"
- Motor speed 2,850 rpm
- Weight (boxed) 175 lb (215 lb)
- Water pan capacity 10 gal.
- Water pump flow 3 gpm

Operating dimensions (boxed)

- Length 47" (48")
- Height 51" (55")
- Width 28.5" (29")



DS Item #	Description
24014604	Masonry 350 Electric

IMER MASONRY 750 LITTLE BEAST

The Masonry 750 allows the operator to cut 8" and 10" blocks in a single pass. The powerful 7.5 h.p.electric motor combined with the 30" blade delivers 12" of cutting depth. Whip it through blocks, pavers, and pre-cast concrete products with ease. The frame and cutting tray are hand fabricated heavy duty steel.

Specifications

- Blade diameter / Blade shaft diameter 30" / 1"
- Max cutting length (w/plunge) 18" / 27"
- Maximum cutting depth 12"
- Motor rating 6 hp 220v, 1ø or 7.5. hp 220v, 3ø
- Blade speed 1700 rpm
- Weight (crated) 440 (495) lb
- Water pan capacity 9 gal.
- Self-Priming Centrifugal Pump 3 gpm

Operating dimensions (palletized)

- Length 60" (66")
- Height 33" (36")
- Width 62" (68")



DS Item #	Description
24014904	Masonry 750

IMER MASONRY 1000 THE BEAST

The Masonry 1000 is made to cut through most field and quarry stone. It also has the ability to work with all types of precast products. With a 10 hp enclosed chain drive motor making cuts up to 15" in depth is possible. Load up the Masonry 1000 with stone or precast pieces weighing hundreds of pounds... this saw can take it!

Specifications

- Blade diameter 36"
- Blade shaft diameter 1.18"
- Max. cutting length (w/plunge cut) 26" (32")
- Max. cutting depth 15"
- Motor rating 10 hp, 440v 3ø
- Blade speed 910 rpm
- Weight (palletized) 700 (750) lb
- Water pan capacity 12 gal.
- Self-Priming centrifugal pump flow 3 gpm

Operating dimensions (palletized)

- Length 84" (82")
- Height 42" (44")
- Width 74" (70")



DS Item #	Description
24014909	Masonry 1000



Job Site Saws

Achilli ANR & ANR HT

- Manual head feed
- Manual cutting depth adjustment
- Worktable made of galvanized steel rail
- Manual bridge tilt from 90° to 45° for bevel cutting
- Water tank with built-in recycling pump
- Equipped with side extension table (according to the model)
- Optional transportation wheels



Specifications	ANR	ANR HT
Useful cut	600-800-1000-1300-1500-2000 mm	600-800-1000-1300-1500-2000 mm
Diamond blade diameter	250-300-350 mm (25.4 mm bore)	400-450 mm (25.4 mm bore)
Motor power	3 HP 1 phase / 4 HP 3 phase	5 HP 3 phase
Motor rotation speed	3400 rpm - 60 Hz	1700 rpm - 60 Hz
Standard voltage/frequency	230V-50/60Hz 1ph./400V-50/60Hz 3 ph.	400V-50/60Hz

Achilli ACHILLI ADR-CE

- Effective cutting length: 1000 mm (3' 3"), 1300 mm (4' 3")
- Manual head feed
- Tilting bridge for 45° cutting
- Electric motor: 3-phase 3,7 kW 400 V
- Motor speed: 1400 rpm at 50 Hz – 1700 rpm at 60 Hz
- Diamond blade 650 mm in diameter
- Water tank with built-in recycling pump
- Manual cutting depth adjustment by hand crank
- Legs can be folded to facilitate transportation
- Side extension table (as optional) can be mounted to both sides of the machine





Job Site Saws

Achilli AFR SERIES MANUAL (C) OR MOTORIZED (M)

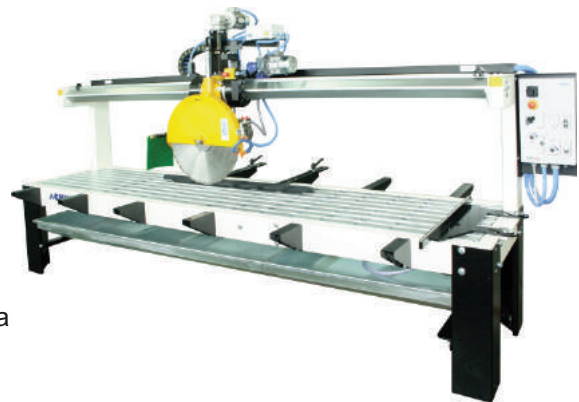
- Available with useful cut of 1000 mm (3'3"), 1500 mm (4'11"), 2000 mm (6'6"), 2500 mm (8'2"), 3000 mm (9'10")
- Motorized head travel with variable speed
- Newly designed head to guarantee maximum cutting precision
- Manual cutting depth adjustment by handwheel
- Motorized cutting depth adjustment by motor gear
- Manual bridge tilt from 90° to 45° for bevel cut
- Optional laser cutting guide (15 mW)



SECTION 2. SAWS

Achilli TFM 3000

- Head travel is motorized on two axes
- X-Axis (longwise) 2900 mm
- Z-Axis (vertical) 360mm
- X-axis variable speed by inverter
- Motorized cutting depth adjustable on the "Z" axis by motor gear
- Diamond blade diameters from 400 to 625 mm
- Manual head tilt from 90° to 45° for bevel cutting
- Manual or motorized hydraulic roller table to facilitate sla loading and positioning (optional)
- Water tank with built-in recycling pump (optional)
- Laser cutting guide (20 mW) (optional)
- Mobile control panel (optional)
- Main motor variable speed by means of inverter, from 800 to 2500 RPM (optional)
- 11 kW size main motor for heavy employment with thick and hard stones (optional)
- Sidedrop for parallel cuts (optional)
- "PLC" control unit for program cutting and cut steps (optional)





Bridge Saws

Achilli MAS

- Motorized main motor motion with adjustable speed on two axes (X-Z)
- 2-speed main motor for marble and granite
- Diamond blades 400 mm - Profile wheels 150 or 60 mm - Flat edge polishing wheels 130 mm in diameter
- Manual head tilt from 90° to 45° for chamfering and bevel cutting, and up to 0° for profiling and polishing both profiled and flat edges
- Motorized hydraulic roller table to facilitate slab loading and positioning
- Water tank with built-in recycling pump



Achilli MBS

Features:

- "Touch Screen" CNC control unit for cuts programming on 4 interpolated axes
- Cutting at any angles with no need to move the stone
- Extended software functions to also perform slab leveling and surface profiling
- Outstanding cutting capacity in an extremely reduced space (over 3m on the X-axis by 2m on the Y-axis)
- Head tilt up to 45° for bevel cutting
- No foundations or installation required: compact structure offers considerable cost and space savings
- Superior cutting accuracy thanks to the special tensioned and chrome plated beam design
- Powerful 10HP main motor to satisfy any working requirements
- Wide variety of optional features and accessories including:
 - Laser alignment on the head which orientates beam according to head rotation
 - 2-speed or variable speed main motor to meet any cutting conditions
 - Hydraulic pop-up rollers with motorized lift for easy slab positioning
 - Hydraulic slab loader with motorized lift that unfolds to support full slabs
 - Self-contained water recycling system to make up for possible lack of a built-in draining system
 - Corded or wireless pendant control to facilitate head positioning operations





Bridge Saws

Achilli MBS-TS

MBS TS is the perfect combination of simplicity, flexibility and durability. The installation is easy and not require foundation, the machine is equipped with compressed, rectified, chromed "active beam" guaranteeing the utmost accuracy. The rotation of the head allow to perform interpolated angle cutting in all directions.

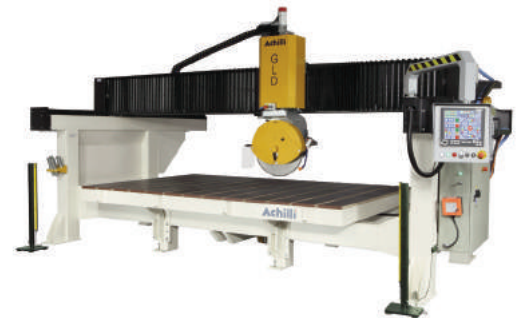


Features:

- Steel frame, sandblasted and ceramic coated
- Motorized head travel with variable speed on three axes (X-Y-Z). Head travel on steel guides with angled rack and pinion to ensure maximum precision. Head raise and lower on chromed steel columns and a threaded rod.
- Manual head tilt from 90° to 45° for inclined cuts.
- Optional motorized and hydraulic worktable tilt for easy slab loading, the machine is available also with rotating table and pneumatic head rotation 0-90 degrees. Worktable dimensions 3000×1900 mm.
- CNC axis control unit with touch-screen color display for cuts programming.
- Manual or automatic rotation of the head to perform interpolated angle cutting and diagonal cuts in all directions. Hydraulic lock of main motor rotation by push buttons.
- Motorized slab loader with hydraulic tilt permitting easy slab loading and off loading from machine's worktable (optional).
- Cable or wireless pendant control enabling quick head movement when the operator is working far from the control position (optional).
- Water tray with built-in recycling pump (optional).
- Laser alignment device mounted on the head shows the blade's cutting line (optional).
- Hydraulic motorized pop-up rollers for easy slab loading and positioning (optional).

Achilli GLD-TS

GLD TS Monoblock bridge saw with easy installation, not require foundation. Automatic rotation of the head for programming interpolated straight cuts in all directions. The highest accuracy is guaranteed by the head travel on linear guides fitted with recirculating ball slides and brushless motors.



Features:

- Steel frame, sandblasted and ceramic coated.
- High precision head motion, on linear guides (X and Z axes) with recirculating ball slides by means of motors equipped with digital inverters. Y axis runs on steel guides with bearings. X and Y axes run on angled rack and pinion. Head rise and lower with recirculating ball screw mechanism.
- Manual head tilt from 90 to 45 degrees and from 90 to 0 degrees for horizontal cuts.
- CNC axis control unit with touch-screen color display for cuts programming. It allows the automatic execution of cutting programs without manual intervention.
- Automatic rotation of the head in two positions 0-90 degree, or from 0 to 360 degree for programming interpolated straight cuts and diagonal cuts in all directions.
- Motorized hydraulic worktable tilt for easy slab loading, available also with rotating table and pneumatic head rotation 0-90 degrees. Worktable dimensions 3500×1900 mm (optional).
- Cable or wireless pendant control enabling quick head movement when the operator is working far from the control position (optional).
- Laser alignment device mounted on the head shows the blade's cutting line (optional).
- Hydraulic motorized pop-up rollers for easy slab loading and positioning (optional).



Bridge Saws

DONATONI SPIN 625 CNC

SPIN 625 CNC is a 5 interpolated axes CNC bridge sawing machine with rotating blade head, Z axis of 350mm, to perform orthogonal cuts (oblique, circular) up to 200mm and rectilinear shaping. SPIN 625 CNC allows to obtain products with extremely precise dimensions and high output due to the sliding of the axes X and Y that occur on recirculating linear bearing guides and racks with hardened and ground teeth, both with centralized grease lubrication. Brushless motors and high precision gearboxes are used for all axes drive.

Specifications	SPIN 625 CNC
Max number of interpolated axes	5
Vertical stroke Z axis	350 mm
Blade-carrying head rotation (C axis)	-5° / 365°
Blade-carrying head tilting (A axis)	0 / 90°
Working table dimensions	2000mm x 3500mm
Max disc diameter	625mm
Max cutting depth	200mm
Min blade diameter	400mm
Approx. total weight	4700 kg



DONATONI JET 625 CNC

The JET 625 is a 5 interpolated axes CNC bridge mill, with Z axis stroke of 400mm, rotating blade head swiveling from -5 to +365 degrees and tilting from 0 to 90 degrees, to perform orthogonal cuts up to 200mm, ideal machine for performing oblique, circular and elliptical cuts, and almost all types of shaping and digging. JET 625 CNC allows to obtain products with extremely precise dimensions and high output due to the sliding of the axes X and Y that occur on recirculating linear bearing guides and racks with hardened and ground teeth, both with centralized grease lubrication. Brushless motors and high precision gearboxes are used for all axes drive. The "Tools" version can use diamond tools such as: milling wheels, drill cores, horizontal blade.

Specifications	SPIN 625 CNC
Max number of interpolated axes	5
Vertical stroke Z axis	400 mm
Blade-carrying head rotation (C axis)	-5° / 365°
Blade-carrying head tilting (A axis)	0 / 90°
Working table dimensions	2400mm x 3800mm
Max disc diameter	625mm
Max cutting depth	200mm
Spindle power	13 kW
Min blade diameter	400mm
Approx. total weight	5300 kg



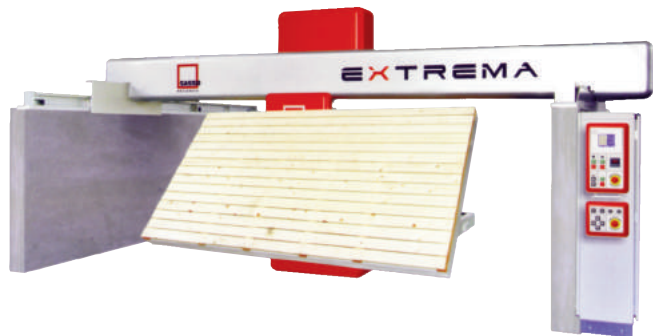
**CALL US FOR MORE INFORMATION.
OTHER DONATI SAWS AVAILABLE!**



Bridge Saws



This bridge cutter is designed and constructed according to the tested Sassomeccanica technology. Extrema combines reliability and performance with the perfection of its shape, thanks the combination of steel with plastic reinforced by fibreglass. The bridge is large sized and is treated with anti-vibration and soundproofing expanded materials. Both the carriage forward movement and the bridge movement systems are controlled by speed control motors which ensure smooth and accurate movements. Dual chromium-plated built-up tubes guide the disk upward and downward movement, whose stroke is electronically controlled. A large bearing allows the rotation of the bench, whose lock is controlled by a pneumatic servo control.



SECTION 2. SAWS

Specifications	
Disk motor	30 hp
Disk feed speed	0 - 16 tm/min.
Working lenght	137.8"
Working width	137.8"
Vertical disc stroke	17.7"
Max disk diameter	29.5 / 35.4"
Disk inclinasion	0°-90°
Rench dimension	137.8" x 70.9"
Machine lenght	230.3"
Approximative weight	3,800 kg

2.14

**CALL TODAY FOR MORE INFORMATION.
OTHER SASSO SAWS AVAILABLE!**



Block Saws

ILSON 11'6 BLADE SAW

Built extra heavy for full production sawing. Offered with 3- W30's @ 211 lbs. per foot for the main beam assembly and 5- W24's @ 76 lbs. per ft. for the leg assemblies. It has 2" Rockford ball screw assemblies for the rise and fall and a heavy duty precision bearing housing and transmission for the arbor drive assembly. It is fully programmable with a Mitsubishi control system. It can be ordered as a Stationary saw with an 8 x 10 cart system or as a Gantry. The standard size is a 30 ft. main beam length but they can be built to fit your existing runway for a small charge.



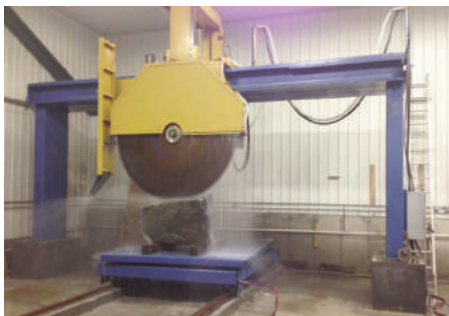
ILSON 10' BLADE SAW

Built heavy to withstand the heavy load of full production sawing. Offered with 4- W24's @ 146 lbs. per ft. for the main beam assembly and 5- W24's @ 76 lbs. for the leg assemblies. It has 2" Rockford ball screw assemblies for the rise and fall and a heavy duty precision bearing housing and transmission for the arbor drive assembly. It is fully programmable with a Mitsubishi control system. It can be ordered as a Stationary saw with an 8 x 10 cart system or as a Gantry. The standard size is a 30 ft. main beam length, but they can be built to fit your existing runway for a small charge.



ILSON 7'6 TO 9' BLADE SAWS

Built to last. Offered with 3-W14's for the main beam assembly and 10" square tube leg assemblies. They all have Rockford ball screw assemblies for the rise and fall and come with transmission drive systems. They are fully programmable with Mitsubishi control systems. All sizes can be ordered as a Stationary with an 8 x 8 cart system or as a Gantry. The standard main beam sizes are 24' wide and 20' wide, but they can be built to fit and existing runway, for a small charge.



ILSON 36" TO 6'6 BLADE SAWS

Built for durability. Offered with 2- W14's for the main beam assembly and 10" square tube leg assemblies. They all have Rockford ball screw assemblies for the rise and fall and come with either direct belt drive or transmission drive systems, depending on the blade size and stone being cut. They are all fully programmable with Mitsubishi control systems. All sizes can be ordered as a Stationary with an 8 x 8 cart system or as a Gantry. The standard main beam sizes are 24' wide and 20' wide but they can be built to fit an existing runway, for a small charge.



**OTHER WILSON SAWS AVAILABLE.
CALL US FOR MORE INFORMATION!**



Wire Saws

WILSON SINGLE STRAND WIRE SAWS

The Single Strand Wire Saw is an affordable option that still allows you to saw tall blocks at a fraction of the cost of a blade saw. Indeed, with the new programming and design, wire sawing has become very affordable. The speeds are very close to those of a blade saw, depending on the type of stone you are sawing and power usage is less with a wire saw. Available as a Gantry Model or a Stationary Model with a Cart System.

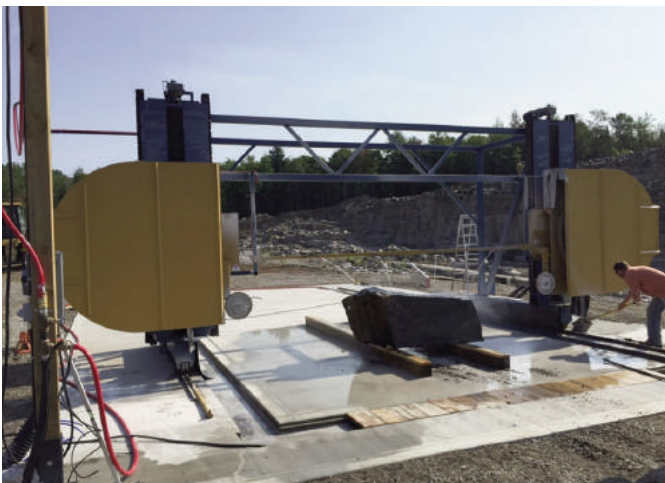
8FT GANTRY WIRE SAW



7FT GANTRY WIRE SAW



6FT GANTRY WIRE SAW



5FT GANTRY WIRE SAW



SECTION 2. SAWS

2.16

**OTHER WILSON SAWS AVAILABLE.
CALL US FOR MORE INFORMATION!**



Traditional Grinding & Polishing

Grinding Wheels

3.2

Discs

3.4

Polishing & Buffing Powders

3.5

Felt Buffers

3.7





Grinding Wheels

RADIAC / NATIONAL SILICON CARBIDE WHEELS

A high quality, made in North America, silicone carbide abrasive wheel which is unsurpassed in the granite industry for the past 75 years. For use on pneumatic or electric grinders. Radiac / National wheels come in standard sizes of 4" x 2", 5" x 2" or 6" x 2 1/2" all with standard 5/8"-11 threaded steel arbor.



4" diameter

DS Item #	Grit
20511769	20"
20511781	46"
20511792	80"
20511763	120"
20511766	180"
20511772	240"
20511778	320"
20511784	500"
20511787	600"

5" diameter

DS Item #	Grit
20511770	20"
20511782	46"
20511793	80"
20511764	120"
20511767	180"
20511773	240"
20511779	320"
20511785	500"
20511788	600"

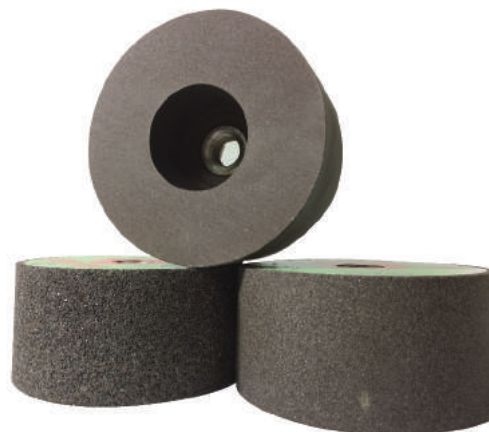
6" diameter

DS Item #	Grit
20511771	20"
20511783	46"
20511794	80"
20511765	120"
20511768	180"
20511774	240"
20511780	320"
20511786	500"
20511789	600"

SILICON CARBIDE HYBRID GRINDING WHEELS

Available in 4" x 2" wide with 5/8"-11 threaded center. This type of grinding wheel can be used wet to control dust.

DS Item #	Description
20513900	4" - 24 Grit Hybrid Grinding Wheel
20513901	4" - 36 Grit Hybrid Grinding Wheel
20513902	4" - 46 Grit Hybrid Grinding Wheel
20513903	4" - 60 Grit Hybrid Grinding Wheel
20513904	4" - 80 Grit Hybrid Grinding Wheel
20513905	4" - 120 Grit Hybrid Grinding Wheel
20513906	4" - 220 Grit Hybrid Grinding Wheel



DS TECH TIP

Always ensure that grinding wheels are used at speeds under their maximum rating. In addition, please wear required safety gear (safety glasses, respiration, ear protection).



Grinding Wheels

CONTOUR WHEELS

Made of silicon carbide, these large wheels are used on contour grinders.



DS Item #	Description
20513956	18" x 3" wide x 5" center ; 60 Grit Contour Grinding Wheel
20513957	18" x 6" wide x 8" center ; 24 Grit Contour Grinding Wheel
20513964	24" x 5" wide x 8" center ; 24 Grit Contour Grinding Wheel

GREEN WHEELS

Green wheels are used for sharpening carbide tipped tools.

DS Item #	Description
20511762	1" Red Plastic Telescopic Bushing
20511790	6" x 1" x 1" Center Hole - 60 Grit
20511791	6" x 1/4" x 1" Center Hole - 60 Grit Special Order
20511860	6" x 3/4" x 1" Center Hole - 60 Grit
20511795	8" x 1" x 1" Center Hole - 60 Grit
20513944	12" x 2" x 1-1/4" Center Hole - 60 Grit
20513954	6" x 1" x 1-1/4" Center Hole - 60 Grit UNI
20513955	8" x 1" x 1-1/4" Center Hole - 60 Grit UNI
20513962	12" x 3" x 1-1/4" Center Hole - 60 Grit UNI Special Order



GRINDING WHEEL DRESSER AND ACCESSORIES

Fulfill most general dressing needs where fast dressing is the primary requirement. For use on Medium and Coarse Wheels. In the stone industry, these are used to shape the silicon carbide grinding wheels to match a specific form or profile.



DS Item #	Description
29912589	#0 Desmond Wheel Dresser W/Set of Cutters
29916137	#1 Desmond Wheel Dresser W/Set of Cutters
29912590	#2 Desmond Wheel Dresser W/Set of Cutters

DS Item #	Description	Diameter
29912592	#0 Cutter Set for Desmond Wheel Dresser	1 1/4"
29912593	#0 Thin Gauge Cutter Set for #0 Desmond Dresser	1 1/4"
29916138	#1 Cutter Set for Desmond Wheel Dresser	1 1/2"
29912594	#2 Cutter Set for Desmond Wheel Dresser	2 3/8"

DIAMOND DRESSING BAR

Used to sharpen and straighten green wheels.

DS Item #	Description
29920097	30 grit t-bar diamond dressing tool for green wheels





Discs

SILICON CARBIDE VELCRO DISC

These silicon carbide sanding discs are an economical choice for honing and polishing marble and similar types of stone. Use wet or dry. 1/2" hole.

Silicon Carbide
5"



Silicon Carbide
7"

SILICON CARBIDE DISC

These 7" silicon carbide discs can be used wet or dry. No velcro, must be used with backing. 7/8" hole



ALUMINIUM OXIDE VELCRO DISC

5" Alum. Oxide
with 8 Holes



SAIT FIBER BACK DISCS

7/8" hole



DS Item #	Description
21011800	4" 60 Grit
21011801	4" 80 Grit
21011802	4" 120 Grit
21011803	4" 180 Grit
21011804	4" 220 Grit
21011805	4" 240 Grit
21011806	4" 320 Grit
21011807	4" 400 Grit
21011808	4" 500 Grit
21011809	4" 600 Grit
21011810	4" 800 Grit
21011811	4" 1200 Grit
21011812	4" 2000 Grit

DS Item #	Description
21011980	5" 40 Grit
21011981	5" 60 Grit
21011982	5" 80 Grit
21011983	5" 100 Grit
21011984	5" 120 Grit
21011985	5" 150 Grit
21011986	5" 180 Grit
21011987	5" 220 Grit
21011988	5" 320 Grit
21011989	5" 400 Grit
21011990	5" 500 Grit
21011991	5" 600 Grit
21011992	5" 800 Grit
21011993	5" 1200 Grit
21011919	7" 80 Grit
21011920	7" 120 Grit
21011921	7" 240 Grit
21011922	7" 320 Grit
21011923	7" 400 Grit
21011924	7" 600 Grit

DS Item #	Description
21011880	50 Grit 7"
21011881	60 Grit 7"
21011882	80 Grit 7"
21011883	120 Grit 7"
21011884	180 Grit 7"
21011885	220 Grit 7"
21011886	240 Grit 7"
21011887	320 Grit 7"
21011888	400 Grit 7"
21011889	600 Grit 7"

DS Item #	Description
21011970	5" 80 Grit
21011971	5" 120 Grit
21011973	5" 220 Grit
21011974	5" 320 Grit
21011975	5" 400 Grit

DS Item #	Description
21011867	7" Grit 16
21011868	7" Grit 24
21011869	7" Grit 36
21011870	7" Grit 50
21011871	7" Grit 60
21011872	7" Grit 80

DS Item #	Description
21011874	7" Grit 120
21011875	7" Grit 150
21011876	7" Grit 180
21011877	7" Grit 220
21011878	7" Grit 320
21011879	7" Grit 400



Polishing & Buffing Powders

TIN OXIDE POWDER

Pure tin oxide is the ultimate choice for granite polishing mixed with water and then buffed off with felt, this product is the time tested method for creating a brilliant shine on granite.

DS Item #	Description
22514455	Superlite Pure Tin Oxide (pound price)
22514500	Superlite Pure Tin Oxide (25 Kg / 55 lbs bag)
22524457	Superlite Pure Tin Oxide (5 lbs pail)

BLACK POLISHING POWDER

Used for buffing or in conjunction with tin oxide. *See Tech Tip.*

DS Item #	Description
22514450	Black Buffing Powder (25 Kg bag/55 Lbs)
22514452	Black Buffing Powder (sold by pound)

RED POLISHING POWDER

Used for buffing or in conjunction with tin oxide. *See Tech Tip.*

DS Item #	Description
22514453	Red Buffing Powder (pound price)

DS TECH TIP

Tin oxide can be difficult to remove from natural rock edges and from tiny crevices in the polished face. The easiest way to remove this is by washing the stone with Stoneglo Granite Cleaner. *See cleaning section.*

DS TECH TIP

Red & Black buff powders are not to be used as a polishing powders, they are used to hide tin oxide residue left after polishing, simply rebuff the stone with the appropriate tint, or to save the last step simply mix the appropriate color into the tin oxide before buffing.

EDGE POLISHING BARS



DS Item #	Description
22512154	Black Edge Polishing Bar for Dark Granite
22512155	White Edge Polishing Bar for Marble
22512171	Tan Edge Bar for Light Granite

EDGE BUFFERS



DS Item #	Description
22512053	Edge Pad for Yellow Cotton 6" x 1" x 5/8" center (granite)
22512172	Edge Pad for White Cotton 6" x 3/4" x 1" center (marble)
22512176	Edge Pad for White Cotton 8" x 3/4" x 1" center (marble)
22512177	Edge Pad White Cotton 10" 3/4" x 1" center (marble)



Polishing & Buffing Powders

HONING POWDER

For use on: Most marble, limestone, travertine and terrazzo.

- Creates an even, honed, flat finish
- Sets up stone for polishing and shining
- Different grits eliminate mild to deep scratches
- Non-acidic

DS Item #	Sizes	Grit
27015696	1 lb. 14 oz. Bottle	400
27015713	1 lb. 14 oz. Bottle	600
27015714	1 lb. 14 oz. Bottle	800



POLISHING POWDER (EURO POLISH)

For use on: Most marble, limestone, travertine and terrazzo.

- Creates smooth, satin finish
- Eliminates etch marks and light wear patterns
- Non-acidic

DS Item #	Sizes
27015684	1 lb. 9 oz. Bottle



SHINING POWDER

For use on: Most marble, limestone, travertine and terrazzo.

- Creates high shine finish
- Brings back luster of polished stone
- Non-acidic

DS Item #	Sizes
27015683	1 lb. 8 oz. Bottle
27015712	10 lbs. Bucket



TENAX POLISHING POWDER

DS Item #	Description
Contact us	For Granite - 1 kg
Contact us	For Granite - 15 kg
27015761	For Marble - 1kg
Contact us	For Marble - 15 kg



SILICON CARBIDE POLISHING POWDER

DS Item #	Grit
22514428	180
22514432	240
22514426	320
22514447	600
22514425	800
22514421	1000





Felt Buffers

FELT BUFFERS

These high quality felt buffers are of a constant density to ensure long life and superior polishing results. These buffers are available in many sizes.



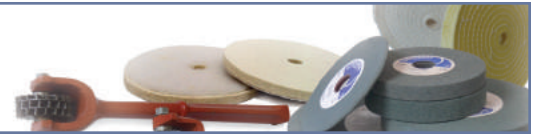
DS Item #	Description
22512101	2" x 2" Hard Density
22512102	2" x 2" Medium Density
22512105	3" x 1" Hard Density
22512106	3" x 1" Medium Density
22512107	3" x 1" Soft Density
22512108	3" x 2" Hard Density
22512109	3" x 2" Medium Density
22512111	3" x 2" Soft Density
22512113	4" x 1" Hard Density
22512114	4" x 1" Medium Density
22512115	4" x 1" Soft Density
22512116	4" x 2" Hard Density
22512117	4" x 2" Medium Density
22512118	4" x 2" Soft Density
22512120	5" x 1" Hard Density
22512121	5" x 1" Medium Density
22512122	5" x 1" Soft Density
22512123	5" x 2" Hard Density
22512124	5" x 2" Medium Density
22512125	5" x 2" Soft Density
22512128	6" x 1" Hard Density
22512129	6" x 1" Medium Density
22512130	6" x 1" Soft Density
22512131	6" x 2" Hard Density
22512132	6" x 2" Medium Density
22512136	6" x 2" Soft Density

DS Item #	Description
22512137	7" x 1" Hard Density
22512138	7" x 1" Medium Density
22512139	7" x 1" Rock Hard Density
22512140	7" x 1" Soft Density
22512142	8" x 1" Medium Density
22512145	8" x 2" Medium Density
22512087	10" x 1" Medium Felt
22512088	10" x 2" Hard Density
22512089	10" x 2" Medium Density
22512091	12" x 2" Medium Density
22512081	12" x 2" Hard Density
22512093	14" x 2" Hard Density
22512094	14" x 2" Medium Density
22512095	16" x 2" Hard Density
22512096	16" x 2" Medium Density
22512098	18" x 2" Hard Density
22512099	18" x 2" Medium Density

FELT BUFFERS ACCESSORIES

DS Item #	Description
22512148	2-1/2" Buffer Plate 5/8"-11 for 3" Felts
22512149	3" Buffer Plate 5/8"-11 for 4" Flet Buffer
22512150	4" Buffer Plate 5/8"-11 for 5" & 6" Felt Buffer
22512165	5" Buffer Plate 5/8"-11 for 6" Felt Buffer
22512166	10" Buffer Plate for Summit or G-Pro Polish





Felt Buffers

VELCRO BACKED

- ¼ Thick High Quality Felt
- Velcro Backed
- Used for final buff process
- Designed to hold up to the acidic contents of most polishing compounds



DS Item #	Description
22514462	Alpha 3" Velcro Felt Buffer
22514463	Alpha 4" Velcro Felt Buffer
22514464	Alpha 5" Velcro Felt Buffer

ROUND EDGE FELT BUFFER

DS Item #	Description
22512020	5" x 1" Felt Buffer Medium Round Edge 5/8"-11 Thread



FELT BUFFERS

Felt Buffers on 1/4" shaft for detail polishing and small repair discs.

DS Item #	Description
22514503	1-1/2" Felt Point Buffer on 1/4" Shank
22514504	1-1/2" Rounded Felt Buffer on 1/4" Shank
22514508	1" Round x 2" Long cylinder Felt Buffer on 1/4" Shank



SNAIL LOCK BACKED

These buffers have been attached to a snail lock adapter for quick change convenience.

DS Item #	Description
22512146	4" x 2" Snail Lock QC Felt Buffer Soft Density
22512151	4" x 2" Snail Lock QC Felt Buffer Medium Density





Diamond Products

Small Diameter Diamond Blades

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- Granite and Engineered Stone Blades
- Marble Blades
- Porcelain & Tile Blades
- Contour Blades
- Rodding & Grooving
- Diamond Blade Accessories

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Medium Diameter Diamond Blades

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Large Diameter Diamond Blades

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Diamond Frames Saws

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Diamond Wire

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Diamond Services

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Coring & Non-Coring Bits

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Cup Wheels & Grinding Products

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Surface Polishing

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Small Diameter Diamond Blades

Granite & Engineered Stone Blades

ALPHA PLUS AND QUAD BLADES

The Alpha Plus is the ultimate blade designed for dry cutting multiple applications. The Alpha Quad combines the performance of Alpha Plus with the unique design for flush cutting applications.

Also available for Accuglide Saws.

Size	Max RPM	QUAD		PLUS	
		DS # (Quad)	Arbor	DS # (Plus)	Arbor (Quad)
4"	14500	30012735	20 mm x 4 holes	30012735	20 mm, 5/8"
4-1/2"	13200			30012737	20 mm, 7/8"
5"	12200	30012739	20 mm x 4 holes	30012738	7/8"
6"	10100	30012741	20 mm x 4 holes	30012740	5/8", <>
7"	8400	30012743	20 mm x 4 holes	30012742	5/8", <>
8"	7400	30012745	20 mm x 8 holes	30012744	5/8", <>
9"	6600	30012786	20 mm x 8 holes	30012746	7/8", 5/8"
10"	5900	30012787	20 mm x 8 holes	30012747	1", 5/8"
10"	5900			30012748	5/8"
12"	6200			30012749	20 mm, 1"
12"	6200			30012750	20 mm

See adapters page 4.11



TURBO BLADES

Economical turbo blade pre-drilled for a flush mount.

DS Item #	Size	Max RPM	Arbor
30012301	5"	11000	5/8", 7/8", 22mm
30012302	6"	9600	5/8", 7/8", 22mm

See adapters page 4.11



GRANITE PRO DIAMOND BLADES

The Granite Pro Diamond Blade is a premium turbo blade with 4 holes fast cutting and very reliable.

DS Item #	Size	Arbor
30012002	4-1/2"	7/8"-5/8"
30012003	5"	7/8"-5/8"
30012004	6"	7/8"-5/8"
30012005	7"	7/8"-5/8"
30012006	8"	7/8"-5/8"

See adapters page 4.11





Small Diameter Diamond Blades

Granite & Engineered Stone Blades

ALPHA VORTEX BLADES

The Alpha Vortex has dual side protection segments on both sides of the blade to improve the strength and durability, thus creating a flush cutting blade superior to any other available in the market. The unique design provides an excellent cost per cut ration. A very aggressive blade that allows the operator to perform cuts quickly and efficiently.

DS Item #	Size	Max RPM	Arbor
GRANITE & ENGINEERED STONE			
30012780	4"	14500	20 mm Quad
30012781	5"	12200	20 mm Quad
MARBLE			
30012782	5"	12200	20 mm Quad

See adapters page 4.11

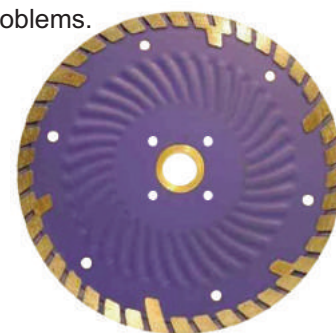


SUNNY TURBO BLADES

They combine the speed of a segmented blade with a clean cut of a continuous rim blade and feature a wave design that adds stability to the steel core, thus eliminating warping problems.

DS Item #	Size	Arbor
30025331	4"	22 mm
30025253	4-1/2"	22 mm
30025254	5"	22 mm
30025255	6"	22 mm
30025256	7"	5/8", 7/8"
30025261	7"	5/8", <>
30025277	8"	5/8", <>
30025257	9"	22 mm

See adapters page 4.11

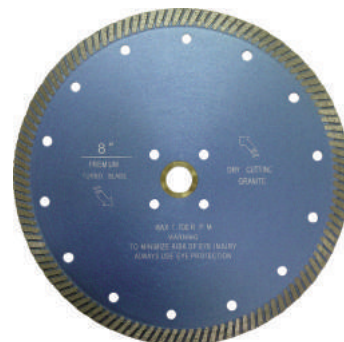


PROFAB BLADES

Economical turbo blade that has an 8 mm high turbo segment and pre-drilled for a flush mount.

DS Item #	Size	Arbor
30012411	4"	5/8", 7/8"
30012412	5"	5/8", 7/8"
30012413	6"	5/8", 7/8", <>
30012414	7"	5/8", 7/8", <>

See adapters page 4.11



SIDE SEGMENT TURBO BLADES

Side segments provide safe cutting and prevent blade from binding. This thick and solid long lasting steel core prevents warping and insures straight cut.

DS Item #	Size	Max RPM	Arbor
Call us	5"	12200	5/8", 7/8", 22mm
30012318	6"	10000	5/8", 7/8", 22mm
Call us	7"	8600	5/8", 7/8", 22mm + <>

See adapters page 4.11





Small Diameter Diamond Blades

Granite & Engineered Stone Blades



S ARROW TURBO BLADES

The new Cyclone "Arrow" design is the next generation of diamond blades. The arrow rim feature allows this blade to cut faster and cleaner than traditional turbo blades.

DS Item #	Size	Max RPM	Arbor
30025537	5"	12 000	5/8"-7/8", 22mm
30025535	6"	10 185	5/8"-7/8", 22mm

See adapters page 4.11



ALPHA ECLIPSE II & ECLIPSE Q BLADES

The Alpha Eclipse II & Eclipse Q Blades are high-end general purpose blades for granite and engineered stone. It is also great for your stone tile application. They can be used wet or dry.

Size	Max RPM	ECLIPSE II		ECLIPSE Q	
		DS Item #	Arbor	DS Item #	Arbor
4"	14500	Call us	20 mm, 5/8"	Call us	20 mm x 4 holes
4-1/2"	13200	Call us	20 mm, 7/8"		
5"	12200	Call us	7/8"	Call us	20 mm x 4 holes
5"	12200			Call us	7/8", 4 holes
6"	10100	30012798	7/8", 5/8", <>	Call us	20 mm x 4 holes
6"	10100			Call us	7/8", 4 holes
7"	8400	Call us	5/8", <>	Call us	20 mm x 4 holes
8"	7400	Call us	5/8", <>	Call us	20 mm x 8 holes



See adapters page 4.11

ALPHA KNOCK OUT BLADE

Cuts through 1 1/2" material very fast with minimal chipping. Design for low RPM saws. Best choice for the Trac Star 2000.

DS Item #	Size	Max RPM	Arbor
30025536	8"	7 400	5/8", <>



ALPHA TRIM MASTER BLADES

This specialty blade is ideally suited to cut baseboards, backsplashes, end caps, mirror frames and many other molding applications. Developed specifically for sliding miter saws with high RPM.

DS Item #	Size	Max RPM	Arbor
30012752	10"	5900	5/8"
30012799	12"	6200	1", 5/8"



See adapters page 4.11



Small Diameter Diamond Blades

Marble Blades



SUPER CYCLONE ELECTROPLATED BLADES

Long lasting blade that cuts the hardest marbles. First ever marble blade thick enough for quad adapters and first ever marble blade with side protection that ensures clean 90 degree cut.

DS Item #	Size	Max RPM	Arbor
Call us	4"	15000	5/8", 7/8", 22mm
Call us	4,5"	13300	5/8", 7/8", 22mm
30012306	5"	12000	5/8", 7/8", 22mm
30012307	6"	10185	5/8", 7/8", 22mm
Call us	7"	8730	5/8" <>
Call us	7"	8730	5/8", 7/8", 22mm

See adapters page 4.11



ALPHA[®] ULTRACUT GPM & APR SERIES

The Ultracut blades avoid chipping and cracking while offering long lasting performance. Easy to use, the Ultracut GPM series fits most popular high-speed angle grinders and circular saws and Ultracut APR series fits most popular grinders.

Size	Max RPM	GPM		APR	
		DS Item #	Arbor	DS Item #	Arbor
4"	14500	Call us	20mm, 5/8"		
4,5"	13200	Call us	20mm, 7/8"	Call us	20mm x 4 holes
5"	12200	Call us	7/8"	Call us	20mm x 4 holes
6"	10100	Call us	7/8", 5/8", <>		
7"	8400	Call us	7/8", 5/8", <>	Call us	20mm x 4 holes
8"	7400	Call us	7/8", 5/8", <>		
9"	6600	Call us	7/8", 5/8"		

See adapters page 4.11



ALPHA[®] LIBERO MARBLE BLADES

The ultimate blade for marble; designed to cut materials without the chipping and cracking commonly associated with the dry cutting process.

DS Item #	Size	Max RPM	Arbor
30012755	4"	14500	20 mm, 5/8"
30012756	4-1/2"	13200	20 mm, 7/8"
30012759	5"	12200	7/8"
30012757	7"	8400	5/8" <>

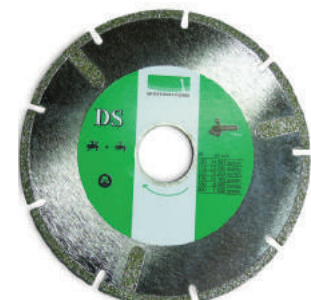
See adapters page 4.11



DS25E ELECTROPLATED MARBLE BLADES

DS Item #	Size	Max RPM	Arbor
30012755	4"	14500	20 mm, 5/8"
30012756	4-1/2"	13200	20 mm, 7/8"
30012759	5"	12200	7/8"
30012757	7"	8400	5/8" <>

See adapters page 4.11





Small Diameter Diamond Blades

Porcelain & Tile Blades

ALPHA KATANA BLADES

For the best choice in cutting all tile materials, choose Alpha® Katana. As with all dry blades, it may be used wet to minimize dust and extend the life of the tool.

DS Item #	Size	Max RPM	Arbor
30012170	4"	14500	20 mm, 5/8"
30012171	4-1/2"	13200	20 mm, 7/8"
30012172	5"	12200	7/8"

See adapters page 4.11



WET
DRY



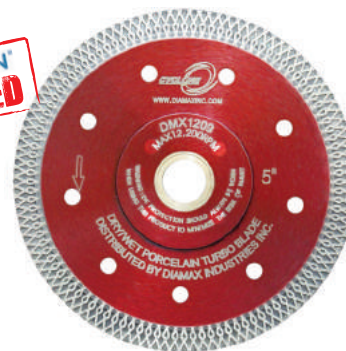
PORCELAIN & TILE TURBO BLADES

The new mesh turbo rim minimizes heat caused by friction. Cooler rim temperatures increases life and speed of cut new diamond bond makes this the best continuous rim ever.

DS Item #	Size	Max RPM	Arbor
Call us	4"	13200	5/8", 7/8", 22mm
Call us	5"	12200	5/8", 7/8", 22mm
Call us	6"	10000	5/8", 7/8", 22mm



WET
DRY



ALPHA PORCELLANA TILE BLADES

Premium blade designed for use by tile professionals to cut dense porcelain tile and slab with minimal chipping at optimal speed.

DS Item #	Size	Max RPM	Arbor
30012691	4-3/8"	13200	20 mm, 7/8"
30012692	5"	12200	7/8"
30012693	7"	8400	5/8"
30012694	8"	7400	5/8"
30012695	10"	5900	5/8"
For Rail Saw			
30012753	8"	7400	1", 7/8", 5/8"
30012754	10"	5900	1"



WET



ALPHA TYPHOON TILE BLADES

A premium diamond blade at a reasonable price. Designed for smooth, chip-free cutting, its heavy-duty and well-balanced construction provides a long life.

DS Item #	Size	Max RPM	Arbor
30012696	6"	10100	5/8"
30012697	8"	7400	5/8"
30012698	10"	5900	5/8"



WET





Small Diameter Diamond Blades

Porcelain & Tile Blade

ALPHA VETRO TILE BLADES

Ideal blade for the glass contractor looking for a high-speed, portable, long-lasting cutting solution.

DS Item #	Size	Max RPM	Arbor
30012788	4-3/8"	13200	20 mm, 7/8"
30012789	7"	12200	7/8"
30012792	8"	8400	5/8"
30012793	10"	7400	5/8"
For Rail Saw			
30012710	10"	5900	1", 5/8"



ALPHA NUMERO UNO BLADES

Advanced style rim reduces the risk of chipping and breaking while providing accurate and safe cuts. Fits most tub and tile saws.

DS Item #	Size	Max RPM	Arbor
30012177	4-1/2"	13200	20 mm, 7/8"
30012760	5"	12200	5/8"
30012178	6"	10100	5/8"
30012761	8"	7400	5/8"
30012758	10"	5900	5/8"



HEAVY DUTY ORANGE TILE BLADES

Laser welded continuous rim for dry cutting, can be used for wet or dry specification. The longest life in tile blades.

Wet Blades

DS Item #	Size	Bore
30025060	7" x .06"	5/8"
30025061	8" x .06"	5/8"
30025105	9" x .06"	5/8"
30025062	10" x .06"	5/8"
30025139	12" x .06"	5/8"
30025163	14" x .06"	5/8"



GEMINI TILE BLADES

This double sided diamond blade lets you cut forward, or backwards when moving your project around the blade.

DS Item #	Size	Sides	Type
30016219	10"	2	Revolution (Glass)
30016220	10"	1	Revolution (Stone)
30016221	10"	2	Revolution (Stone)
24014926	Apollo Slim Blade		





Small Diameter Diamond Blades

Contour Blades

ALPHA CONTOUR CURVED DRY BLADES : GRANITE & ENGINEERED STONE, MARBLE OR PORCELAIN

The Alpha Contour Blades are design specifically for cutting sinkholes and other curve cutting applications.

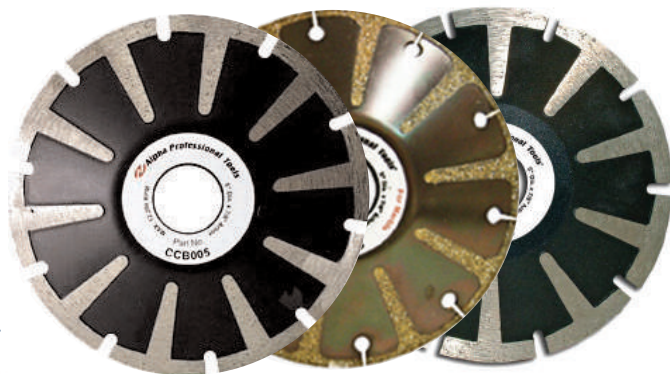
DS Item #	Size	Max RPM	Arbor
GRANITE & ENGINEERED STONE			
30012776	4"	14500	20 mm, 7/8"
30012777	4-1/2"	13200	7/8"
30012778	5"	12200	7/8"
30012718	6"	10100	7/8"
MARBLE			
30012711	5"	12200	7/8"
PORCELAIN			
Call us	5"	12000	7/8"



WET



DRY



CONTOUR BLADES

Cyclone Contour Turbo Cutter for sink cut outs gets your work done faster. The turbo design passes through the stone smoother and cleaner than a segmented version. Diamond slots on the outside ensure easy and uninterrupted passage through the stone.

DS Item #	Size	Max RPM	Arbor
30012319	5"	12200	5/8", 7/8", 22mm
Call us	6"	10000	5/8", 7/8", 22mm



WET



DRY



MARBLE ELECTROPLATED CONTOUR BLADES

Designed with vortex side protection for smoother cutting, this blade offers an advanced and highly secretive production process that separates Cyclone electroplated products from the rest.

DS Item #	Size	Max RPM	Arbor
Call us	5"	12000	5/8"



WET



DRY





Small Diameter Diamond Blades

Rodding & Grooving

ALPHA GROOVE CUTTER

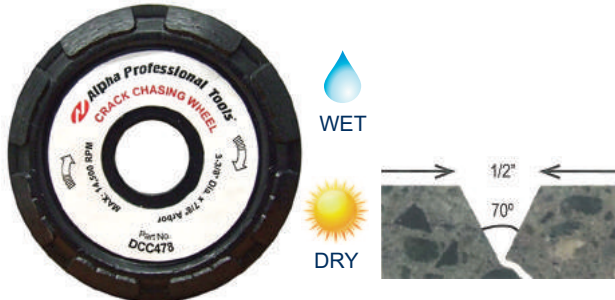
The Alpha Groove Cutter is designed to cut flawless grooves for joint seaming. Our patent pending design assures the grooves will be level to achieve maximum strength at each joint.



DS Item #	Size	Max RPM	Arbor
31020191	3/8" Granite	14500	5/8"-11"
31020183	1-1/4" Granite	14500	5/8"-11"
31020184	3/4" Marble	14500	5/8"-11"
31020189	Universal Safety Guard		
31020198	Nylon Guide		

ALPHA CRACK CHASING WHEEL

This V-cut wheel style produces a 1/2" wide, 70-degree, V-shaped groove for re-caulking and re-liling.



DS Item #	Size	Max RPM	Arbor
Call us	4"	14500	7/8"

ALPHA CONCRETE PROFILING WHEEL

This 3-3/8" wheel is designed to create a demi-bull-nose edge treatment on concrete grooves.



DS Item #	Size	Max RPM	Arbor
Call us	3 3/8"	14500	7/8"

DS TECH TIP

RODDING

Rodding is the best way to reinforce and increase the strength of large granite countertops and granite slabs. These granite rodding blades are extremely popular with our fabrication shops, since they constantly have to move large pieces from the shop to install locations. Start rodding your granite countertops and minimize the chance of breakage.



Small Diameter Diamond Blades

Rodding & Grooving

ALPHA HOT ROD BLADE



DRY



WET

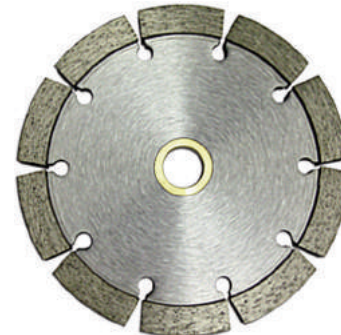


DS Item #	Size	Max RPM	Arbor	Recommended for	For use on
31020149	3"	14500	20 mm, 7/8"	1/8" Rod	Granite
30012684	3"	14500	20 mm, 7/8"	3/16" Rod	Granite
31020144	3"	14500	20 mm, 7/8"	1/4" Rod	Granite
30012685	3"	14500	7/8"	3/8" Threaded Rod	Granite
30012686	3"	14500	20 mm, 7/8"	1/8" Rod	Marble/Crystallized Glass
31020134	3"	14500	20 mm, 7/8"	1/4" Rod	Marble/Crystallized Glass
Call us	4"	14500	20 mm, 7/8"	1/8" Rod	Granite
Call us	4"	14500	20 mm, 7/8"	1/4" Rod	Granite

TUCK POINT BLADES

Provides fast, effective removal of old mortar from brick work.
Used for creating expansion joints in FBR. Use with hand saw, or grinder.

DS Item #	Size	Bore
40012235	4" x .250	5/8", 7/8"
40012254	4-1/2" x .250	5/8", 7/8"
40012234	5" x .250	5/8", 7/8"
40012236	7" x .250	5/8", 7/8"
30032138	8" x .250	5/8", 7/8"
30025281	8" x .500	5/8", 7/8"
30025282	9" x .500	5/8", 7/8"



ALPHA TUCK POINT BLADES

The Alpha Tuck Point Wheel is a very aggressive and long lasting blade. It's segmented with a very hard bond that resists the abrasive mortar.





Small Diameter Diamond Blades

Diamond Blade Accessories

ADAPTERS



Brass Adapter 4-Hole



Aluminum Adapter 4-Hole

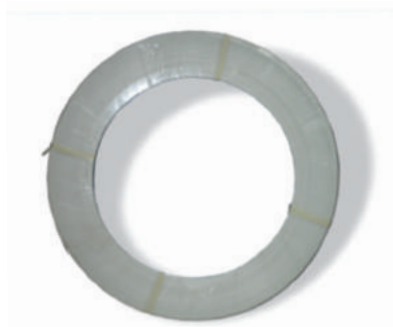


Flange Adapter Hub 8-Hole

DS Item #	Brand	Type	Arbor / Thread
ADAPTER			
39916403	Alpha	Brass	20 mm, 5/8" - 4 Hole (with screws)
39916553	Profab	Brass	20 mm, 5/8" - 4 Hole
53120391	Profab	Stainless Steel	20 mm, 5/8" - 4 Hole
39916554	Profab	Brass	20 mm, 5/8" - 4 Hole
39916381	Cyclone	Stainless Steel	20 mm, 5/8" - 4 Hole
39916405	Alpha	Brass	M14-2, 4 Hole (with screws)
31016647	Alpha		20mm, 5/8" - 8 Hole (with screws)
SCREWS FOR ADAPTER			
39916556			M4 X 0.070 X 8 mm
39916557			Box of 100 M4 x 0.70 x 8mm

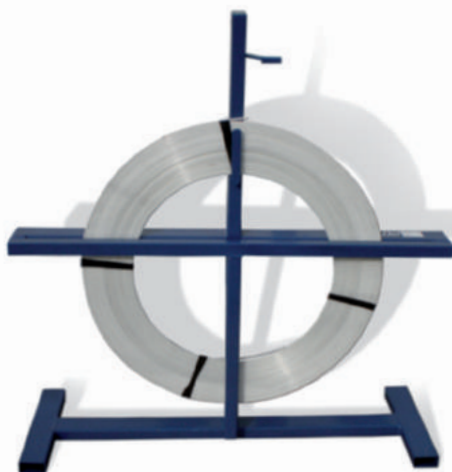
FIBERGLASS RODS

Fiberglass rodding will not rust and hands to be adhesive.



DS Item #	Description
27520222	1/8" x 3/8" x 328 ft roll

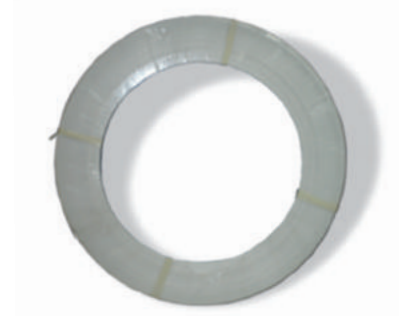
FIBERGLASS ROD DISPENSER



DS Item #
25014201

CARBON FIBER RODDING

- High density fiberglass
- Reinforced with Cabonic Fiber component
- Dual spline Carbonic Fiber for extra strength



DS Item #	Description
27520223	1/8" x 3/8" x 328 ft roll



Medium Diameter Diamond Blades

Bridge Saw Blades



PATTERN DIAMOND

Fast and chip free cutting using our patterned positioned diamond technology at a great price. For use on granite and engineered stone.

DS Item #	Description
30012233	14" PRO-FAB 24 SEGMENTS PATTERN SILENT
30012234	16" PRO-FAB 28 SEGMENTS PATTERN SILENT
30012235	18" PRO-FAB 32 SEGMENTS PATTERN SILENT
30012236	20" PRO-FAB 36 SEGMENTS PATTERN SILENT



weha MATRIX

Fast and chip free cutting using the latest patterned positioned diamond technology. For use on granite and engineered stone. 18mm high segments.

DS Item #	Description
30012061	18" MATRIX S
30012059	14" MATRIX S
30012058	12" MATRIX S
30012060	16" MATRIX S



HIGH SPEED SILENT CORE

Cyclone arrayed diamonds technology gives you 20%-40% more life than other blades and a feed rate: 10ft - 17ft a minute. For use on Granite and Engineered Stone. 26mm high segments.

DS Item #	Description
Call us	14" CYCLONE HIGH SPEED
Call us	16" CYCLONE HIGH SPEED
Call us	18" CYCLONE HIGH SPEED



weha GR-29

A double segment blade for reduced chipping and greater life for use on granite and engineered stone.

DS Item #	Description
30012062	14" GR-29 SPLIT SEGMENTS SILENT CORE BLADE
30012063	16" GR-29 SPLIT SEGMENTS SILENT CORE BLADE
30012064	18" GR-29 SPLIT SEGMENTS SILENT CORE BLADE
30012065	20" GR-29 SPLIT SEGMENTS SILENT CORE BLADE



Bridge Saw Diamond Blades come standard with 60/50 bore. Some Bridge Saws require one or two pin hole and/or a larger bore. Our technical team can quickly customize a standard blade to fit your saw.



Medium Diameter Diamond Blades

Bridge Saw Blades



LHP (LOW HORSE POWER)

Designed for operation on lower horsepower saws such as the Achilli TSA Portable Track Saw, Blue Ripper and smaller bridge saws. Silent core to ensure lower operation noise.

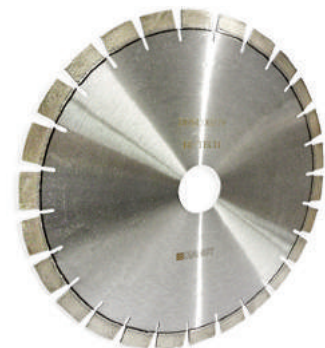


DS Item #	Description
30012325	14" CYCLONE LHP BLADE

DIAMUT GRANITE

Legendary Diamut quality blade for use on granite and engineered stone. 20mm high segments.

DS Item #	Description
30012120	14" DIAMUT
30012121	16" DIAMUT
30012122	18" DIAMUT
30012123	20" DIAMUT



ALPHA SILENCER III SERIES

Alpha quality bridge saws blades. Select the correct blade for your material: Granite, Marble, Porcelain.

DS Item #	Description
30012702	14" ALPHA SILENCER III HARD GRANITE
30012703	14" ALPHA SILENCER III PORCELAIN
30012705	16" ALPHA SILENCER III PORCELAIN
30012707	16" ALPHA SILENCER III MARBLE



DEKTON

High Quality blade for Dekton, porcelain and other hard materials.



DS Item #	Description
30025026	14" ITALDIAMANT DEKTON
30025027	16" ITALDIAMANT DEKTON
30025028	18" ITALDIAMANT DEKTON



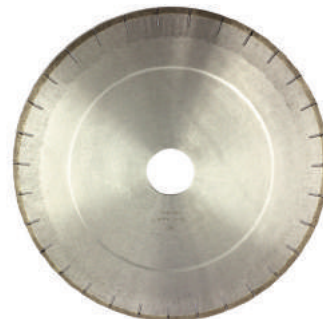
Medium Diameter Diamond Blades

Bridge Saw Blades

DIAMUT DEKTON

Designed for Dekton, porcelain and other hard materials.

DS Item #	Description
30012126	14" DEKTON BLADE
30012125	16" DEKTON BLADE
30012124	16" STONEGLASS BLADE



S QUARTZITE

Provides a fast, clean cut and Longest lasting Quartzite blade on the market. Designed for Quartzite but can also be used granite and engineered stone.

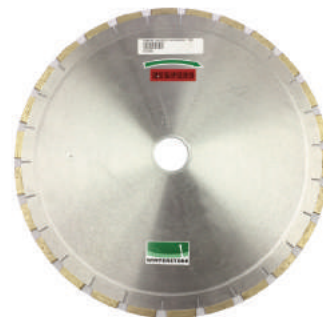
DS Item #	Description
Call us	14" CYCLONE S QUARTZITE
30012323	16" CYCLONE S QUARTZITE
Call us	18" CYCLONE S QUARTZITE



WISPERO UNI-M4 MARBLE BLADES

Designed specifically for fast and chip free cutting of marble. Best value on the market.

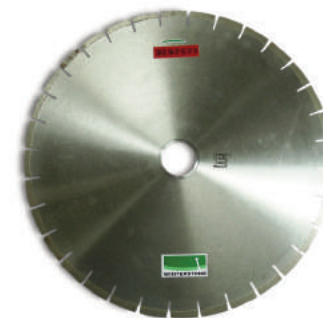
DS Item #	Description
30012050	14" UNI-M4 MARBLE BLADE
30012051	16" UNI-M4 MARBLE BLADE
53120434	18" UNI-M4 MARBLE BLADE
30012049	20" UNI-M4 MARBLE BLADE



WINTERSTONE SSG SERIES

DS Item #	Description	Segment Height
30012071	400MM SSG-24	10mm
53120413	300MM SSG-24	10mm
30012046	400MM SSG-25	10mm
53120425	450MM SSG-25	10mm
53120426	500MM SSG-25	10mm

DS Item #	Description	Segment Height
53120447	450MM SSG-31	10mm
53120446	450MM SSG-31	20mm
30012045	400MM SSG-31	20mm
53120450	350MM SSG-51	10mm
53120449	300MM SSG-51	10mm





Medium Diameter Diamond Blades

Rail, Masonry and Block Saw Blades

TUX 5, TUX 6 AND TUX 7

Innovative design for high speed saw, gas saw, cut off saw, table saw in all types of material.

TUX 5 Low horse power

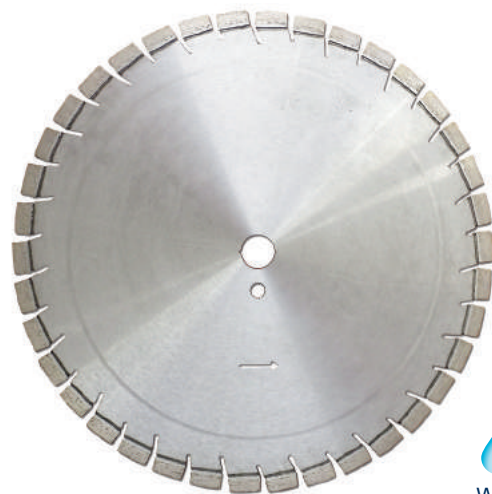
DS Item #	Description
30012811	14" TUX 5 3HP SILENT CORE 38 X 24 X 2.5 X 10
30012817	20" TUX 5 1" + 1NL BORE STEEL CORE 54 X 24 X 3.6 X 10
30012820	14" TUX 5 3.6 THICK 1" BO SILENT CORE 38 X 24 X 3.6 X 10
30012822	14" TUX 5 3.6 THICK 1" BO STEEL CORE 38 X 24 X 3.6 X 10
30012821	14" TUX 5 3HP STEEL CORE 38 X 24 X 2.5 X 10

TUX 6 Multi purpose

DS Item #	Description
30012825	12" TUX 6 STEEL CORE 25.4 mm BORE 32 X 24 X 2.5 X 12
30012814	12" TUX 6 SILENT CORE 25.4 mm + NL 32 X 24 X 3.2 X 10
30012804	14" TUX 6 STEEL CORE .125TH EP 38 SEGS 24 X 3.2
30012808	14" TUX 6 SILENT CORE .125TH EP 38 SEGS 24 X 3.2
30012805	16" TUX 6 STEEL CORE BLADE WET CUT 42
30012815	16" TUX 6 SILENT CORE 42 SEGS WET CUT 1" BORE 1 P
30012806	18" TUX 6 STEEL CORE WET CUT 1" BORE
30012807	20" TUX 6 STEEL CORE BLADE WET CUT 54 HEG
30012450	20" TUX 6 1" + 1 NL BORE HEGER TITAN LASER
30012496	22" TUX 6 1" + 1 NL BORE HEGER TITAN LASER WELDED
30012818	22" TUX 6 SILENT 50/60 BORE 60 SEGS 24 X 3.6 X 10
30012451	24" TUX 6 60 mm BORE 66 SEGS 24 X 3.6 X 10 mm HEGER TIT

TUX 7 Long life

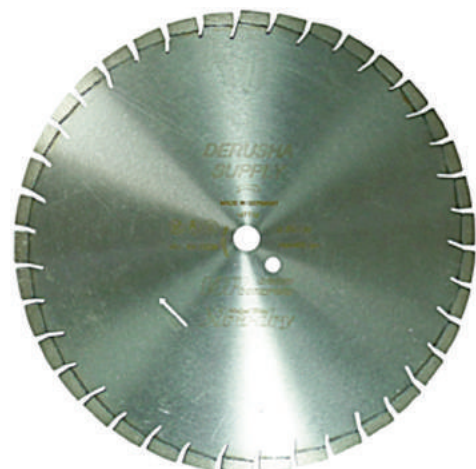
DS Item #	Description
30012812	14" TUX 7 LIFE SILENT CORE 38 X 24 X 2.5 X 10



VIP EXTRA DRY

Best all around blade for gas saw in all types of material.
Reinforce concrete, granite, limestone and all hard material.

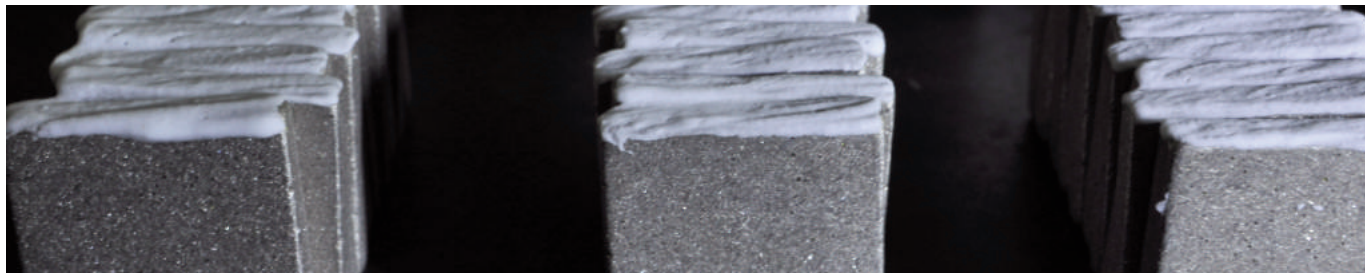
DS Item #	Size	Bore
30012997	14"	20 mm
30012998	12"	20 mm
30012999	12"	1"
30013000	14"	1"
30013001	16"	1"
30013002	16"	20 mm
30013003	14"	1" (silent)





Large Diameter Diamond Blades

Segments



SEGMENT SOLUTIONS FOR ALL MATERIALS

- Granit
- Marble
- Limestone
- Sandstone
- Slate
- Basalt
- Others

SEGMENTS SOLUTIONS FOR ALL OBJECTIVES

- Maximize cutting speed for high output
- Minimize cutting costs
- Achieve optimal cutting precision
- Customize performance and costs

SEGMENTS SOLUTIONS FOR ALL APPLICATIONS

Block saws, ø between
1500mm and 3500mm



Dimensional saws, ø between
500mm and 1500mm



Multi blades, ø between 900
and 1600mm



No matter what you are cutting, no matter the size of your saw or the number of blades, we have the right solution for you, backed by the best names in the industry.

Call us to discuss your needs!





Large Diameter Diamond Blades

Cores

FOR EVERY REQUIREMENT, THERE IS A SUITABLE STEEL CORE

Many factors define the selection of a core. Our standard range offers steel cores from 300mm diameter to 3582mm diameter.

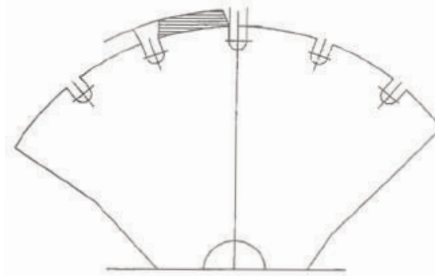
**LARGEST INVENTORY
OF CORES!**

DERUSHA SUPPLY BLADE CORE DIAMETER REFERENCE CHART

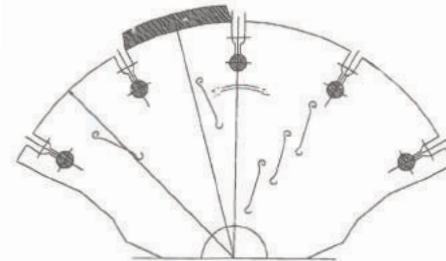
Blade diameter	Diameter of blank (mm)	Hole (mm)	Thickness (mm)	Number of teeth
300 mm/12 in.	290		2.2	18
350 mm/14 in.	340		2.4	21
400 mm/16 in.	390		2.4/2.6/2.8	24
450 mm/18 in.	440		2.8	26
500 mm/20 in.	490	50	2.8/3.0/3.2	30
550 mm/22 in.	540	60	3.0/3.2	32
600 mm/24 in.	590	80	3.4/3.5/3.6	36
650 mm/26 in.	640	100	4	40
700 mm/28 in.	690		4	40
750 mm/30 in.	740		4.2/4.5	46
800 mm/32 in.	790		4.2/4.5	46
900 mm/36 in.	890		5.0/5.5	64
1.0 m.	990		5.0/5.5	70
1.1 m.	1090		5.0/5.5	74
1.2 m.	1184	80	5.5/6.0	80
1.3 m.	1284	100	6.0/6.5	88
1.4 m.	1384	120	6.5/7.2	92
1.6 m.	1484		6.5/7.2	100
1.6 m.	1584		5.5/6.5/7.2	104/108
1.8 m.	1784		5.0/7.2/8.0	120
2.0 m.	1984		7.2/9.0	128
2.2 m.	2184		7.2/9.0	132
2.5 m.	2484	100	7.2/9.0	140
2.6 m.	2584	150	9.0	140
2.8 m.	2784		9.0	148
3.0 m.	2984		9.0	156
3.2 m.	3184		9.0	160
3.3 m.	3284		9.0	160
3.5 m.	3484		10	180
3.6 m.	3584		10	180

Call us for non-standard specifications.

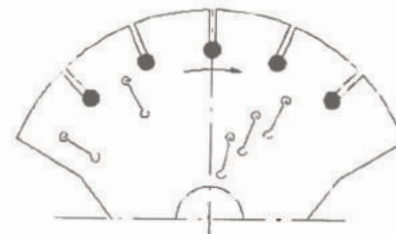
PATTERN TYPES



Type N (available in standard or silent construction)



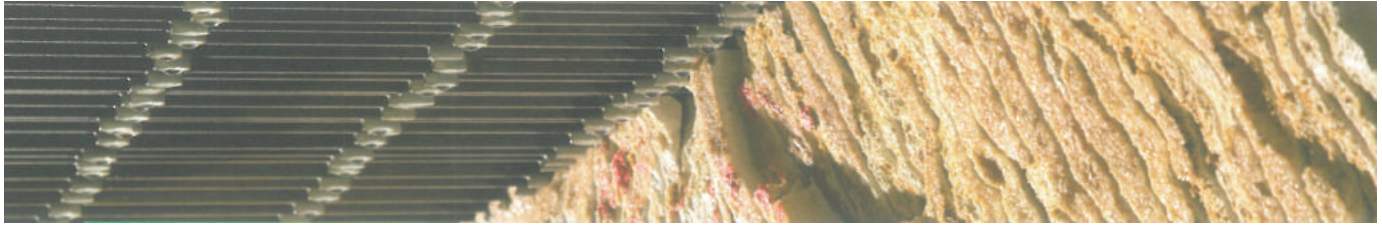
Type DLN (available in silent construction)



Type DLS (available in silent construction)



Diamond Frame Saws



APPLICATIONS

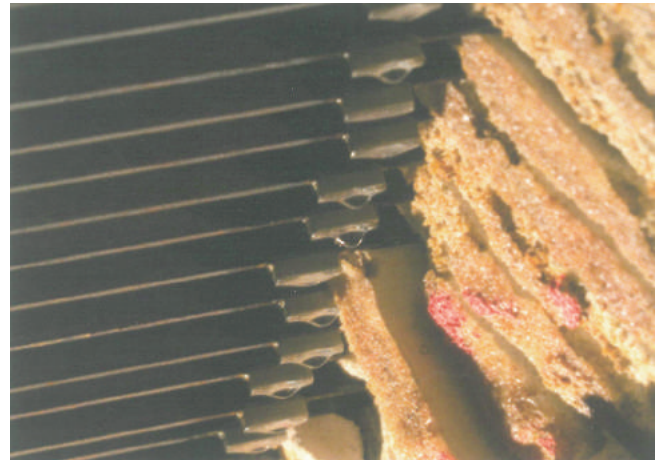
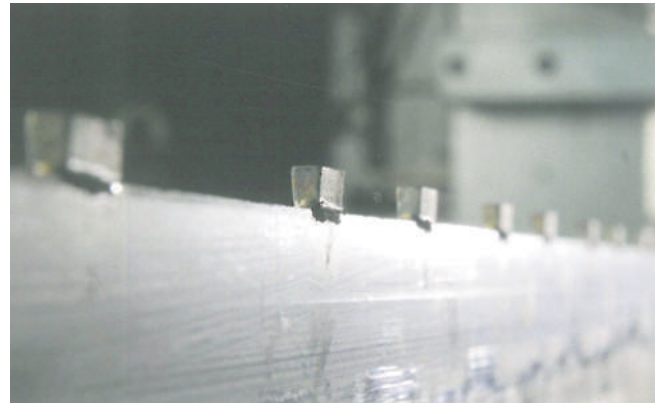
- Marble
- Limestone
- Sandstone
- Emperador
- Travertine

AVAILABLE THICKNESSES

- 2mm
- 2.5mm
- 3mm
- 3.25mm
- 3.5mm

PERFORMANCES

- Higher speed for better productivity
- Longer life for customers cost-effectiveness
- The best compromise speed/lifetime for your requirements and always with the best quality to cut which will save you from polishing expenses



Call us to discuss your needs!



Diamond Wire

SINGLE WIRE (GRANITE AND MARBLE)

Bead diameter (mm)	Beads per meter (BPM)
7.3	37
8.2	37
9.2	36
10.4	36/37
11.4	37



MULTI-WIRE (GRANITE)

Bead diameter (mm)	Beads per meter (BPM)
7.3	37
8.2	37
9.2	36
10.4	36/37
11.4	37



QUARRY WIRE (GRANITE)

Bead diameter (mm)	Beads per meter (BPM)
11.4	36/38/40



WIRE FOR PROFILING SAWS (GRANITE)

Bead diameter (mm)	Beads per meter (BPM)
7.3	37
8.2	37



LIMESTONE & MARBLE

Bead diameter (mm)	Beads per meter (BPM)
8.2	37
8.8	28/30/32
10.5	28/30/32/36



Replastification service available ! See page 4.20



Diamond Services

DIAMOND BLADE RE-TIPPING AT OUR TECHNICAL SERVICE CENTER

From multi-blades to large diameter blades for natural stone or aggregates, our team of trained diamond technicians use skill, knowledge and specialized equipment to repair, install segments and tension your diamond blades. We can customize blades to your exact specifications up to 3500 mm in diameter.



DIAMOND BLADE RE-TIPPING – ON-SITE

From quarries to sawing facilities, our team of trained and experienced diamond technicians re-tip and repair large diameter blades on site to reduce your downtime. From installing new segments to repairing landings and cracks after an unfortunate accident, we have the skills and knowledge to help.



DIAMOND CORE BIT RE-TIPPING

From small non-coring diamond bits to large diameter core bits, our team of trained technicians repair and install segments on your core bits to drill any material and help you lower costs.



DIAMOND WIRE REPLASTIFICATION

Give a second life to your used diamond wire after an accident by having our trained diamond technicians replastify your wire in order to lower your sawing costs.



CUSTOM DIAMOND TOOLING DESIGN AND FABRICATION

We understand that special jobs require a special tool. That's why we have been helping design and fabricate custom diamond tools for years. We put our experience and knowledge of stone and diamond technologies to create tools for your unique application.





Coring & Non-Coring Bits

GRANITE/PRO T-SEG CORE BIT

DS Item #	Description
34012838	3" T-Seg Core Bit 5/8-11" Side Protections
34012837	2-1/2" T-Seg Core Bit 5/8-11" Side Protections
34012836	2" T-Seg Core Bit 5/8-11" Side Protections
34012835	1-3/4" T-Seg Core Bit 5/8-11" Side Protections
34012834	1-5/8" T-Seg Core Bit 5/8-11" Side Protections
34012833	1-1/2" T-Seg Core Bit 5/8-11" Side Protections
34012832	1-3/8" T-Seg Core Bit 5/8-11" Side Protections
34012831	1-1/4" T-Seg Core Bit 5/8-11" Side Protections
34012830	1" T-Seg Core Bit 5/8-11" Side Protections
34012839	7/8" T-Seg Core Bit 5/8-11" Side Protections
34012829	3/4" T-Seg Core Bit 5/8-11" Side Protections



GRANITE/PRO THIN WALL CORE BIT

DS Item #	Description
34012828	2" Thinwall Core Bit 5/8-11"
34012827	1-3/4" Thinwall Core Bit 5/8-11"
34012826	1-5/8" Thinwall Core Bit 5/8-11"
34012825	1-1/2" Thinwall Core Bit 5/8-11"
34012824	1-3/8" Thinwall Core Bit 5/8-11"
34012823	1-1/4" Thinwall Core Bit 5/8-11"
34012822	1-1/8" Thinwall Core Bit 5/8-11"
34012821	1" Thinwall Core Bit 5/8-11"
34012820	3/4" Thinwall Core Bit 5/8-11"



For low RPM

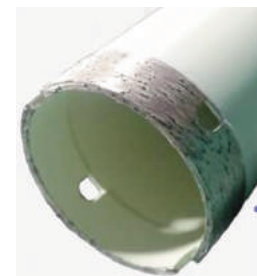
GRANITE/PRO NON CORING BIT

DS Item #	Description
34012845	5/8" Non-Core Bit 5/8-11"
34012844	1/2" Non-Core Bit 5/8-11"
34012843	3/8" Non-Core Bit 5/8-11"
34012842	5/16" Non-Core Bit 5/8-11"
34012841	1/4" Non-Core Bit 5/8-11"
34012840	3/16" Non-Core Bit 5/8-11"



DS DEKTON CORE BIT

Thin crown for fast chip free of Porcelains, such as Dekton, Neolith and Lapitec. 5/8"-11 thread for use on grinder.



DS Item #	Description
34012530	1-3/8" Dekton Core Bit



Coring & Non-Coring Bits



T-TYPE WET/DRY CORE BIT

Specially designed T-segment increases durability and minimizes segment loss. Perfect for use in the field when water is not an option. 5/8"-11 thread for use on grinder.

DS Item #	Size
34012532	1"
34012533	1-1/4"
34012534	1-3/8"
34012535	1-1/2"
34012536	1-5/8"

DS Item #	Size
34012537	1-3/4"
34012538	2"
34012539	2-1/4"
34012578	2-1/2"
34012579	2-3/4"



WET



DRY



SEGMENTED DRY CORE BIT

Core Bit with laser welded diamond segments for use with natural and engineered stone with a 5/8 thread for use with grinder.

DS Item #	Size
34012798	3/16"
34012799	1/4"
34012800	3/8"
34012801	1/2"
34012802	5/8"
34012814	3/4"
34012803	1"
34012804	1-1/8"
34012805	1-1/4"

DS Item #	Size
34012806	1-3/8"
34012807	1-1/2"
34012808	1-5/8"
34012809	1-3/4"
34012810	1-7/8"
34012811	2-1/2"
34012812	2-1/2"
34012813	3"



WET



DRY



weha DRY MAGIC VACUUM BRAZED DRY CORE BIT

This special Vacuum II Brazed diamond technology fast dry drilling with extremely clean, chip free holes. Use on for Ceramics, Porcelain, Marble, Granite, Stone, Dekton, Lapitec. 5/8"-11 thread for use on grinder.

DS Item #	Size
34012526	1/4" (6mm)
34012545	5/16" (8mm)
34012529	3/8" (10mm)
34012525	1/2" (12mm)
34012546	9/16" (14mm)
34012524	1" (25mm)

DS Item #	Size
34012522	1 1/4" (32mm)
34012520	1 3/8" (35mm)
34012521	1 1/2" (40mm)
34012523	1 3/4" (45mm)
34012527	2" (50mm)



WET



DRY



VACUUM BRAZED CORE BIT

Cores through the softest marbles clean and chip free. Diamond brazed technology drills fast and easy. Cooling slots allows for easier core removal when stuck 5/8-11 adapter.

DS Item #	Size
34013132	1-3/8"
34013128	1-1/2"
34013129	1-5/8"
34013118	1-3/4"
34013130	2"
34013133	2-3/8"

DS Item #	Size
34013171	1/4"
34013125	1/2"
34013126	1"
34013134	1-1/8"
34013127	1-1/4"



WET



DRY

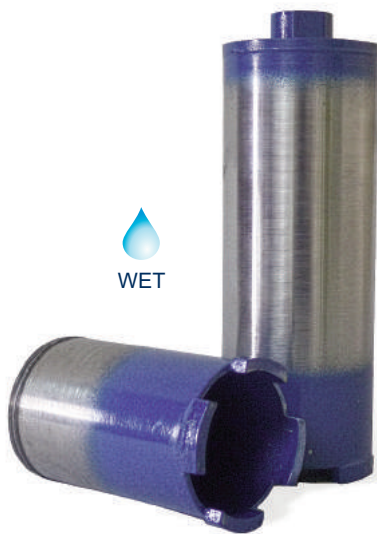




Coring & Non-Coring Bits

GRANITE/PRO CORE BIT

High quality core bits manufactured by Derusha Supply. Custom made for your requirements. Please specify drill depth needed when ordering 1" to 13". Wet use only.

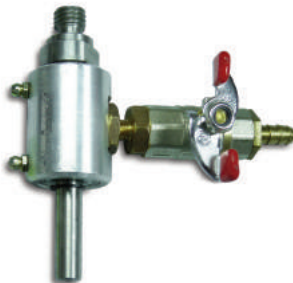


DS Item #	Size	Attachment
34012960	1/2"	5/8"-11
34012975	5/8"	5/8"-11
34012973	3/4"	5/8"-11
34012976	7/8"	5/8"-11
34012956	1"	5/8"-11
34012959	1-1/8"	5/8"-11
34012958	1-1/4"	5/8"-11
34012962	1-3/8"	5/8"-11
34012957	1-1/2"	5/8"-11
34012964	1-5/8"	5/8"-11
34012961	1-3/4"	5/8"-11
34012965	1-7/8"	5/8"-11
34012977	2"	5/8"-11
34012966	2"	1-1/4"-7
34012969	2-1/8"	1-1/4"-7
34012979	2-1/4"	5/8"-11
34012968	2-1/4"	1-1/4"-7
34012980	2-3/8"	5/8"-11
34012971	2-3/8"	1-1/4"-7
34012981	2-1/2"	5/8"-11
34012967	2-1/2"	1-1/4"-7
34013183	2-3/4"	5/8"-11
34012970	2-3/4"	1-1/4"-7

DS Item #	Size	Attachment
34013150	3-1/4"	5/8"-11
34012988	3-1/2"	5/8"-11
34012986	3-1/2"	1-1/4"-7
34013022	3-3/4"	5/8"-11
34013003	3-3/4"	1-1/4"-7
34012985	3"	5/8"-11
34012972	3"	1-1/4"-7
34013240	4-1/4"	1-1/4"-7
34012993	4-1/2"	5/8"-11
34012992	4-1/2"	1-1/4"-7
34012984	4-3/4"	1-1/4"-7
34012991	4"	5/8"-11
34012990	4"	1-1/4"-7
34013002	5-1/4"	1-1/4"-7
34012997	5-1/2"	1-1/4"-7
34012996	5"	5/8"-11
34012995	5"	1-1/4"-7
34012999	6-1/2"	1-1/4"-7
34012998	6"	1-1/4"-7
34013000	7"	1-1/4"-7
34013001	8"	1-1/4"-7
34013018	9-1/2"	1-1/4"-7
34013147	10"	1-1/4"-7
34013004	11"	1-1/4"-7
34013006	12"	1-1/4"-7
34013007	14"	1-1/4"-7

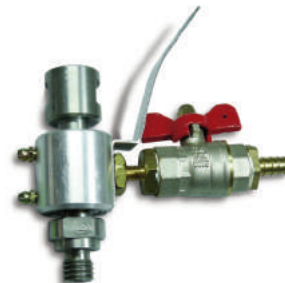
HEAVY-DUTY WATER SWIVEL

Used to convert a typical press drill into a diamond core bit drilling machine.



DS Item #	Description
39916532	Water Swivel 5/8"-11 for Angle Grinders + Contro

Used to convert a dry grinder to water tools, such as core bits.



DS Item #	Description
39916560	Water Swivel 1/2" Shank 5/8"-11 Spindlewater Con.



Cup Wheels & Grinding Products

COSMOS TURBO CUP WHEEL

Used for heavy stock removal of natural stone. Turbo pattern ensures evacuation of debris and cooling. Excellent value! 5/8-11 standard thread. Available in the following grits : medium, coarse and aggressive. The aluminium body ensures lightweight and rust free.

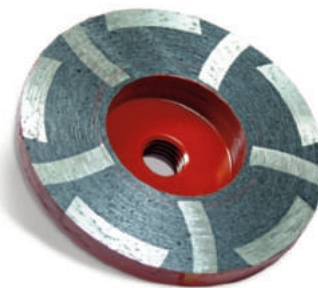
DS Item #	Size	Description
31012742	2"	Cosmos Aggressive
31012740	4"	Cosmos Aggressive
31012821	4"	Cosmos Coarse
31012838	4"	Cosmos Medium
31012839	4"	Cosmos Fine Turbo
31012751	5"	Cosmos Aggressive
31012752	6"	Cosmos Aggressive



PINEAPPLE CUP WHEELS

Resin filled grinding cup wheel to eliminate chipping. Perfect for beveling and edge work where a smooth chip-free surface is required after grinding. Can be used wet or dry on all natural stone. 5/8-11 standard thread.

DS Item #	Size	Description
31012743	4"	Aggressive
31012757	4"	Medium
31012758	4"	Fine
31012744	5"	Aggressive
31012745	6"	Aggressive
31012754	6"	Medium
31012755	6"	Fine



FLAT RESIN CUP WHEELS

Designed to be used dry or wet, with new water channels. Beveled edge helps grind over curved edges with ease. 5/8"-11 thread (Max 8000 RPM).

DS Item #	Size	Description
31012523	4"	Fine with water channels
31012522	4"	Medium with water channels
31012521	4"	Coarse with water channels



ROSE AGGRESSIVE DOUBLE ROW CUP WHEEL

Use the Double Row Diamond Cup Wheel with an angle grinder for leveling, coating removal and concrete grinding. This wheel's double row segment design provides aggressive grinding performance. Suitable for both dry and wet use.

DS Item #	Size	Description
31012750	4"	Aggressive
31012746	5"	Aggressive
31012753	6"	Aggressive
31012747	7"	Aggressive





Cup Wheels & Grinding Products

VACUUM BRAZED WHEELS

Reversible vacuum brazed design provides exceptional value and twice the life! Can be used flat and on edge!

DS Item #	Size	Grit
31020130	4-1/2"	30
31020135	4-1/2"	40/50
31020136	4-1/2"	100
31020137	4-1/2"	200
31020138	7"	20/30



weha WX2 CUP WHEELS

Extremely versatile tool for both the shop and the job site. Aggressive, yet smooth finish grinding. Comes with the quad adapter 5/8-11. Can be used wet or dry.

DS Item #	Size
31020294	5"

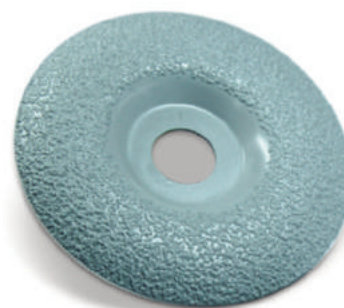


SEC WHEEL VAC BRAZED

Revolutionary convex design provides a superior shaping tool that is fast and inexpensive. Available in 4-1/2" and 7".

DS Item #	Size	Grit
31020118	4-1/2"	16
31020117	4-1/2"	30
31020119	4-1/2"	40
31020127	4-1/2"	50
31020120	4-1/2"	100
31020121	4-1/2"	200
31020128	7"	50
31020129	7"	100
39916399	Adapter 5/8"-11	

Sec Wheel Adapter



V1 CUTTER GRINDER

Extremely aggressive & versatile Vacuum Brazed tool for edge shaping. Cuts like a blade and shapes like a cup wheel easily with a few passes. Not meant for flat surface grinding. 5/8"-11 thread.

DS Item #	Size	Grit
31012532	4"	30/40
31012533	4"	50/60

Also available in 5" upon request.





Cup Wheels & Grinding Products

DS TURBO GRAPHITER

Amazing graphite bond for honing and smoothing wide area evenly, straight edge or chamfer work without any waves. Turbo type with reinforced edge perfectly works at right angled corner. Uses 5/8-11 magnetic adaptor for ultra-fast tool change.

DS Item #	Size	Description	Color
31016655	4"	100 GRIT GRAPHITER MAGNETIC	Red
31016654	4"	50 GRIT GRAPHITER MAGNETIC	Light green
31016653	4"	30 GRIT GRAPHITER MAGNETIC	Blue
31016544		MAGNETIC GRAPHITER HOLDER	



SPIKED CUP WHEEL

Special spiked design is great for fast mesh removal on back of resined slabs.

DS Item #	Description
31020290	WEHA Spiked
31020291	WEHA Spiked



SPIKED DISK

Patented technology makes this unique product available for "Clog-Free" coating removal for epoxy, urethane, glue and adhesives for surface preparation.

DS Item #	Size	Max. RPM	Arbor	Grit
31020310	4-1/2"	13,200	5/8"-11	50
31020311	5"	12,200	5/8"	50
31020312	7"	8,400	5/8"	50



TURBO CAT

Turbo Cat vac brazed diamond pads are a turbo style vacuum brazed de-lippage tool that can be used wet or dry and is suitable for marble, concrete, terrazzo and granite materials. Velcro backed for quick change.

DS Item #	Size	Description	Grit
31020193	5"	TURBO CAT	30
31020103	4"	TURBO CAT	50



SL3 SEAM PHANTOM CUP WHEEL

2" Cup Wheel for use with the Seam Phantom to create the undercut or back bevel. Locks into our red SL3 snail lock adapter. Maximum RPM 10,000.

DS Item #	Description
31012621	SL3 2" Cup Wheel
31012620	SL3 5/8-11 SL3 Adapter





Profiles, Edging & Drums

GRANITE/PRO VAC BRAZED DRUM (NO BEARING)

DS Item #	Size	Grit	Fitting
33012687	1" x 2"	50	5/8-11
33012686	1" x 2"	100	5/8-11
33012685	1" x 2"	200	5/8-11
33013056	2" x 3/4"	50	5/8-11
33012700	2" x 2"	40/50	5/8-11
33012707	2" x 2"	100	5/8-11
33013094	3" x 1 1/2"	20/30	5/8-11
33012489	3" x 2"	30	5/8-11
33012985	3" x 2"	40/50	5/8-11
33013053	4" x 2"	30/40	5/8-11
33012696	1 x 2"	50	1/2 Gas
33012695	1 x 2"	100	1/2 Gas
33012689	1 x 2"	200	1/2 Gas
33012759	2" x 2"	50	1/2 Gas



Shown with 5/8-11

GRANITE/PRO VAC BRAZED DRUM (WITH BEARING)

DS Item #	Size	Grit	Fitting
33012400	1" x 2"	50	5/8-11
33013187	1 1/2" x 1 1/2"	50	5/8-11
33013196	2" x 1 1/2"	50	5/8-11
33013070	2" x 2"	30	5/8-11
33012758	2" x 2"	40/50	5/8-11
33012755	2" x 2"	100	5/8-11
33012854	2" x 2"	200	5/8-11
33013002	3" x 1 1/2"	30	5/8-11
33013017	3" x 1 1/2"	50	5/8-11
33013059	3" x 1 1/2"	100	5/8-11
33013115	3" x 1 1/2"	200	5/8-11
33013082	3" x 2"	30	5/8-11
33012963	3" x 2"	50	5/8-11
33013038	3" x 3"	50	5/8-11
33013262	1" x 2"	50	1/2 Gas
33013263	1" x 2"	100	1/2 Gas
33012697	2" x 2"	50	1/2 Gas
33013005	2" x 2"	100	1/2 Gas
33013184	3" x 1 1/2"	50	1/2 Gas



STOCK REMOVAL WHEELS

Removes radius stock chip-free, Zero Vibration and 5/8"-11 thread. Recommended use: Oscillate wheel up and down to wear evenly and avoid grooves.

DS Item #	Size	Description
31012520	2"x 2"	120 GR SINTERED DRUM STOCK REMOVAL 5/8
31012519	2"x 2"	60 GR SINTERED DRUM STOCK REMOVAL 5/8
31012518	2"x 2"	36 GR SINTERED DRUM STOCK REMOVAL 5/8





Profiles, Edging & Drums



ZERO TOLERANCE WHEELS

The most popular tool for truing vanity sink cut-outs. Available with resin to reduce vibration or segmented for aggressive stock removal. Balanced to eliminate vibration. Recommended use: Oscillate wheel up & down to wear evenly & avoid grooves.



RESIN FILLED

DS Item #	Size	Description
31012516	3"x 1-5/8"	RESIN FILLED DRUM ZERO TOLERANCE
31012514	2"x 1-5/8"	RESIN FILLED DRUM ZERO TOLERANCE
31012512	1"x 1-5/8"	RESIN FILLED DRUM ZERO TOLERANCE

SEGMENTED

DS Item #	Size	Description
31012517	3"x 1-5/8"	SEGMENTED DRUM ZERO TOLERANCE
31012515	2"x 1-5/8"	SEGMENTED DRUM ZERO TOLERANCE
31012513	1"x 1-5/8"	SEGMENTED DRUM ZERO TOLERANCE

GRANITE PRO BOWL BELTS

Great for polishing sink holes with radial machine or fab king. Easy work and enhanced production of bowl holes, which is based on Quick Grit Change System. Specialized Central Water Feeding Structure. Available in resin bond or aggressive copper bond.

RESIN BOND

DS Item #	Size	Grit
31012873	3", 75 mm x 42 mm	30
31012881	3", 75 mm x 42 mm	50
31012876	3", 75 mm x 42 mm	100
31012877	3", 75 mm x 42 mm	200
31012878	3", 75 mm x 42 mm	400
31012879	3", 75 mm x 42 mm	800
31012880	3", 75 mm x 42 mm	1500
31012844	3", 75 mm x 42 mm	3000
31012874	3", 75 mm x 42 mm	Final Black
31012845	3", 75 mm x 42 mm	Final White

NEW



Resin



Copper

COPPER BOND

DS Item #	Size	Grit
31012937	3", 75 mm x 42 mm	50
31012945	3", 75 mm x 42 mm	100
31012946	3", 75 mm x 42 mm	200
31012947	3", 75 mm x 42 mm	400

3" RUBBER DRUM FOR BOWL BELTS



4.28

DS Item #	Size
31012847	75 mm x 42 mm

BRASS ADAPTER FOR BOWL BELT



DS Item #	Size
31012846	75 mm x 42 mm



Profiles, Edging & Drums

ALPHA® PROFILER SERIES

Alpha® created this wet-cutting wheel by making use of the latest vacuum brazed technology and utilizing diamonds best suited for harder materials. Equipped with a 5/8"-11 female thread and internal water passage holes, the Alpha® profiler Series will fit an Alpha polisher/grinder and other brands of center water-feed polishers. The nylon guide slides along the surface and controls the depth of cut to make this tool easy to use. For edging countertops, sink rims, window sills, steps and door saddles. For use on granite, engineered stone, concrete, crystallized glass and porcelain slabs. 3500 Max RPM.

PROFILER B-SERIES

Demi-Bullnose



PROFILER E-SERIES

Hollywood Bevel



PROFILER F-SERIES

Ogee Edge



PROFILER Q-SERIES

Recessed Base



PROFILER RE-SERIES

Reverse Bevel



PROFILER V-SERIES

Full Bullnose



PROFILER Z-SERIES

Straight Edge



DS Item #	Shape	Size
33027287	B	3/16"
33027284	B	3/8"
33027289	B	1/2"
33027288	B	3/4"
Call us	E	1" 20 deg. Bevel
33027280	F	3/4" Breaker Pos. 0
Call us	F	3/4" Ogee Pos. 1
33027282	F	1 1/4" Breaker Pos. 0
33012971	F	1 1/4" Ogee Pos. 1

DS Item #	Shape	Size
Call us	Q	1/4" Recessed
Call us	RE	3/8" Reverse Bevel
Call us	V	1 1/4" Full Bull
Call us	V	1 1/2" Full Bull
33012422	Z	1 1/4" Straight
Call us	Z	1 1/2" Straight



Profiles, Edging & Drums

APEXX SINTERED PROFILES

Apexx router bit has been stone professionals' favorite since 1999 thanks to its superior quality and consistent performance. Made with Brass core for faster cutting speed while holding onto their shape longer. Fits Master-3500, Sector, Magnum, and other standard routers. Also available: Adapters for use with our router bits on FLEX routers, woodrouters, or machines with 5/8"-11 spindle.



Pencil Edge



Eased Edge



Demi-Bullnose



Triple Waterfall



Shape D



Bevel



Mitre Edge



Hollywood Bevel



Ogee



American Ogee



Ogee Bullnose



Ogee Over Bullnose



Shape FZ



DuPont



DuPont Bullnose



Shape I



Cove



Cove DuPont



Shape OG



Cove Ogee



Shape RH-A



Double Eased Edge



Full Bullnose



Flat Edge



Joint Clean-up



Profiles, Edging & Drums

GRANITE PRO PROFILE WHEELS

QUALITY - Let the geometry work for you !

Our shape wheels are some of the best in the industry. A great wheel is more than quality materials, it is precision geometry. Each position in the sequence maintains true shape integrity. 1/10th of a millimeter is what separates each position. As each position is part of a sequence, it is a must to use profile wheels from the same manufacturer.

PERFORMANCE - Getting the most out of your wheels.

There are techniques to ensure top prolonged performance of your profiles. By beginning with a segmented profile wheel, you're letting the stock-remover do the hard work. The Vacuum Brazed wheels gradually shave the stone down to the proper shape and prepare the stone for polishing.

ADAPTABILITY - Having the flexibility to get the job done.

Our standard profile wheels come with center bolt for easy installation and removal on most portable stone routers.

POSITION # 1 - SEGMENTED

- Designed for heavy stock removal
- Extremely aggressive and fast cutting
- Will prolong the life of your brazed wheels



POSITION # 1 - BRAZED (COARSE)

- The exposed diamonds allow for fast profiling
- Will not deform like a segmented or sintered bit



POSITION # 2 & 3 - BRAZED (FINE)

- The state of the art vacuum brazed profiles actively remove scratches and lines preparing the stone for the polishing stage



DS TECH TIP

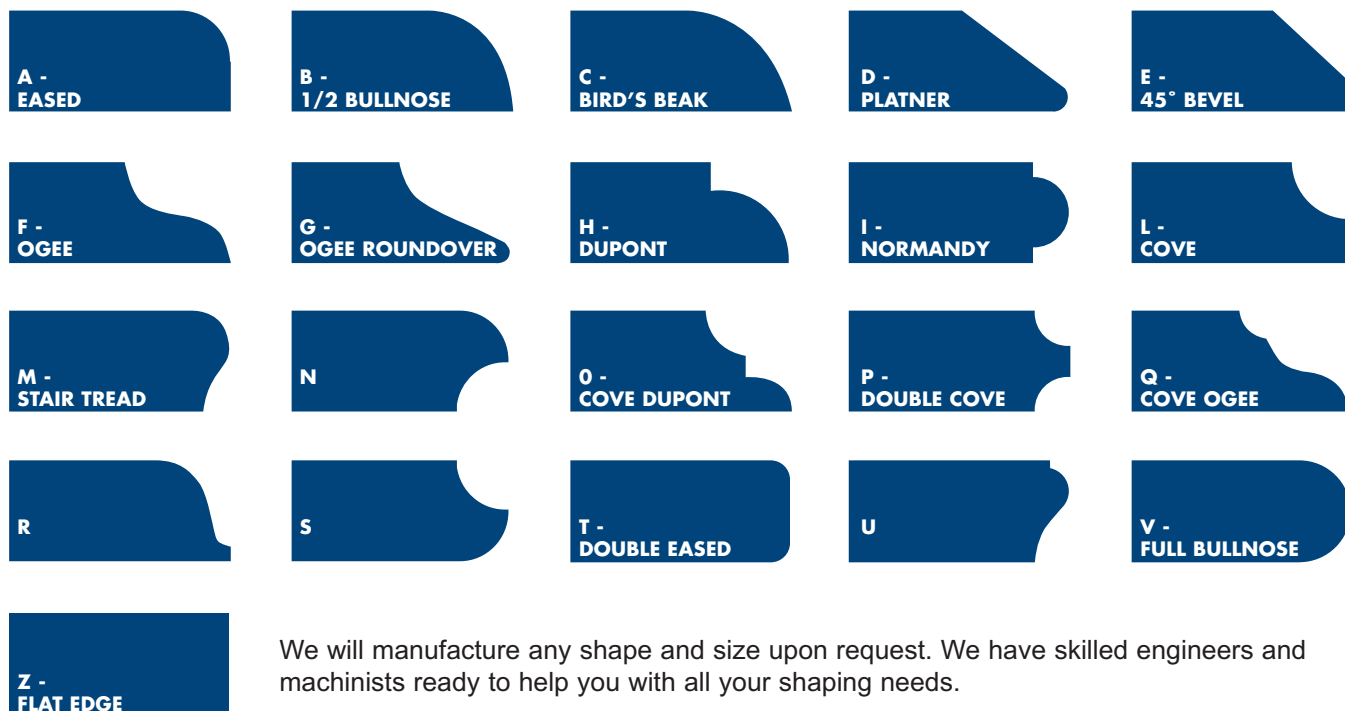
Use the 45° breaker or double to chamfer the edge before shaping a complex radius, such as an Ogee, Bullnose or any rounded shape. Chamfering your edges will prolong the life of your more expensive profiles.





Profiles, Edging & Drums

SHAPE STANDARDS



We will manufacture any shape and size upon request. We have skilled engineers and machinists ready to help you with all your shaping needs.

SHAPE A - EASED



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed

SHAPE B - DEMI-BULLNOSE



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE E - BEVEL



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed



Profiles, Edging & Drums

SHAPE E+E DOUBLE BREAKER



Size	Pos.	Type
40 mm	Pos. 1	Segmented
40 mm	Pos. 1	Brazed

SHAPE F - OGEE



Size	Pos.	Type
15 mm	Pos. 0	Segmented
15 mm	Pos. 1	Brazed
15 mm	Pos. 2	Brazed
15 mm	Pos. 3	Brazed
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
25 mm	Pos. 0	Segmented
25 mm	Pos. 1	Brazed
25 mm	Pos. 2	Brazed
25 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE F+B



Size	Pos.	Type
40 mm	Pos. 1	Segmented
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE H - DUPONT



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed

SHAPE F+V



Size	Pos.	Type
30 mm	Pos. 1	Segmented
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 1	Segmented
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE L - COVE



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed

SHAPE M - STAIR TREAD



Size	Pos.	Type
30 mm	Pos. 1	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed

SHAPE N



Size	Pos.	Type
30 mm	Pos. 1	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed

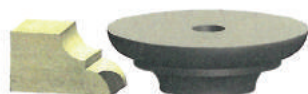
NEED A SHAPE NOT ON OUR LIST ?

Call Derusha Supply for more information about our custom profiling capabilities !



Profiles, Edging & Drums

SHAPE O - COVE DUPONT



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE Q - COVE OGEE



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE T - DOUBLE EASED



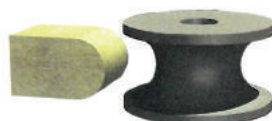
Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE T+P TRIPLE WATER FALL



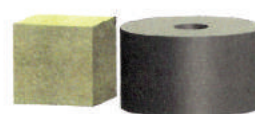
Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE V - FULL BULLNOSE



Size	Pos.	Type
20 mm	Pos. 0	Segmented
20 mm	Pos. 1	Brazed
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed
30 mm	Pos. 0	Segmented
30 mm	Pos. 1	Brazed
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 0	Segmented
40 mm	Pos. 1	Brazed
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

SHAPE Z - FLAT EDGE



Size	Pos.	Type
20 mm	Pos. 1	Segmented
20 mm	Pos. 2	Brazed
20 mm	Pos. 3	Brazed
30 mm	Pos. 1	Segmented
30 mm	Pos. 2	Brazed
30 mm	Pos. 3	Brazed
40 mm	Pos. 1	Segmented
40 mm	Pos. 2	Brazed
40 mm	Pos. 3	Brazed

Size	Pos.	Type
50 mm	Pos. 0	Segmented
50 mm	Pos. 1	Brazed
60 mm	Pos. 0	Segmented
60 mm	Pos. 1	Brazed



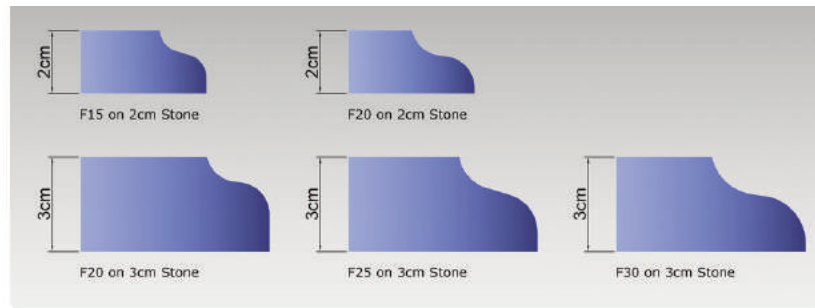
Profiles, Edging & Drums

DS TECH TIP

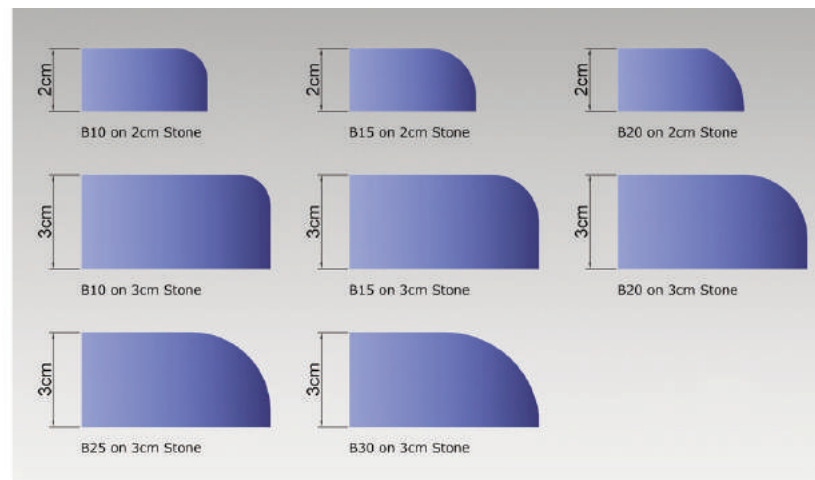
SLAB THICKNESS VS ROUTER BIT HEIGHT

The stone thickness combined with the selected router height will provide a different result and ultimately a different look. Please refer to the 3 examples below to illustrate the impact of tool height on 2cm and 3cm stone thickness. In addition, for 3 cm stone, we generally recommend using a 20 or 25 height tool to leave sufficient stone for the bearing to roll on the stone.

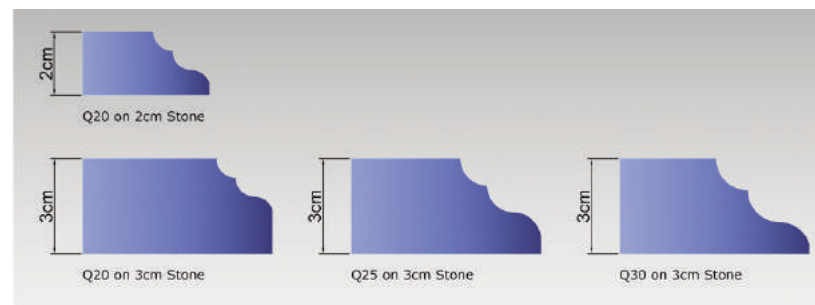
F PROFILE (OGEE)



B PROFILE (DEMI BULLNOSE)



Q PROFILE (COVE OGEE)





Polishing Pads & Belts

Wet Polishing

GRANITE PRO

Our legendary pad provides an unbelievable gloss!



3"

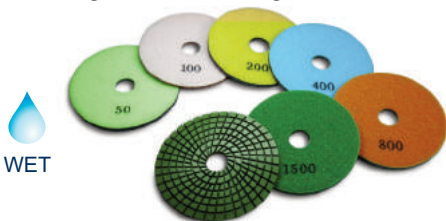
DS Item #	Grit	Color
31016214	30	Dark Pink
31016217	50	Light Green
31016218	100	Red
31016219	200	Yellow
31016220	400	Light Blue
31016221	800	Dark Green
31016222	1500	Orange
31016223	3000	Light Pink
31016215	Final Buff	Black
31016216	Final Buff	White

4"

DS Item #	Grit	Color
31016224	30	Dark Pink
31016225	50	Light Green
31016226	100	Red
31016227	200	Yellow
31016228	400	Light Blue
31016229	800	Dark Green
31016230	1500	Orange
31016231	3000	Light Pink
31016673	6500	Grey
31016212	Final Buff	Black
31016213	Final Buff	White

PREMIUM

A premium polishing pad for outstanding results on all granites.



4"

DS Item #	Grit	Color
31012420	50	Lime
31012421	100	Light Grey
31012422	200	Yellow
31012423	400	Light Blue
31012424	800	Red
31012425	1500	Light Green
31012426	3000	Green

5"

DS Item #	Grit	Color
53120014	50	Lime
53120015	100	Light Grey
53120016	200	Yellow
53120017	400	Light Blue
53120018	800	Red
53120019	1500	Light Green
53120020	3000	Green

SUPER SHINE

A flexible and economical diamond polishing pad that provides a super shine.



4"

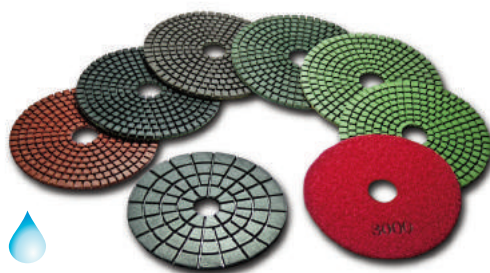
DS Item #	Grit	Color
31016660	30	Dark Blue
31016661	50	Lime
31016662	100	Red
31016663	200	Yellow
31016664	400	Light Blue
31016665	800	Light Green
31016666	1500	Orange
31016667	3000	Light Grey

5"

DS Item #	Grit	Color
31016680	30	Dark Blue
31016681	50	Lime
31016682	100	Red
31016683	200	Yellow
31016684	400	Light Blue
31016685	800	Light Green
31016686	1500	Orange
31016687	3000	Light Grey



A flexible diamond pad that provides exceptional value and shine, available in 4".



4"

DS Item #	Grit	Color
31016740	50	Lime
31016741	100	Red
31016742	200	Yellow
31016743	400	Blue
31016744	800	Green
31016745	1500	Orange
31016746	3000	Pink
31016747	Final Buff	Black
31016748	Final Buff	White



Polishing Pads & Belts

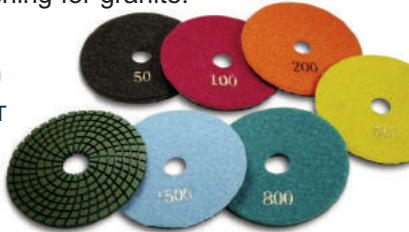
Wet Polishing

SUPRA

Polishing pads that offers amazing polishing for granite.



WET



4"

DS Item #	Grit	Color
31012400	50	Black
31012401	100	Red
31012402	200	Orange
31012403	400	Yellow
31012404	800	Light Green
31012405	1500	Light Blue
31012406	3000	Dark Green

5"

DS Item #	Grit	Color
53120030	50	Black
53120031	100	Red
53120032	200	Orange
53120033	400	Yellow
53120034	800	Light Green
53120035	1500	Light Blue
53120036	3000	Dark Green

GRANITE/PRO CONVEX

The G-Pro Convex is aggressive and durable polishing pads with a special convex design. Great for polishing curved shapes and surfaces, available in 3" only.



WET

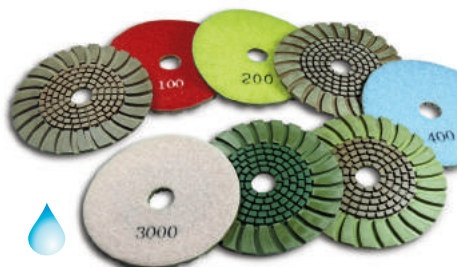


DS Item #	Grit	Color
31016190	30	Dark Pink
31016191	50	Light Green
31016192	100	Red
31016193	200	Yellow
31016194	400	Light Blue
31016195	800	Dark Green
31016196	1500	Orange
31016197	3000	Pink
31016198	Final Buff	Black
31016199	Final Buff	White

SUN PAD

A very aggressive and durable polishing pad, available in 4" and 5".

4"



WET

DS Item #	Grit	Color
31020139	30	Purple
31020141	50	Light Green
31020142	100	Red
31020143	200	Yellow
31020185	400	Light Blue
31020186	800	Dark Green
31020187	1500	Orange
31020188	3000	Light Pink

LONG LIFE

5"

DS Item #	Grit	Color
31020145	30	Purple
31020146	50	Light Green
31020147	100	Red
31020148	200	Yellow

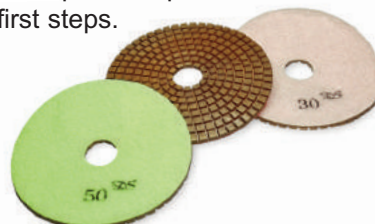
GRANITE/PRO COPPER PAD

The Copper Pad is a flexible diamond pad that provides exceptional tool life; it's great for first steps.

**SPECIAL COPPER
DIAMOND BOND!**



WET



DS Item #	Size	Grit	Color
31016656	3"	50	Lime
31016657	3"	100	Red
31016546	4"	30	Grey
31016547	4"	50	Lime
31016548	4"	100	Red
31016557	5"	30	Grey
31016558	5"	50	Lime
31016559	5"	100	Red



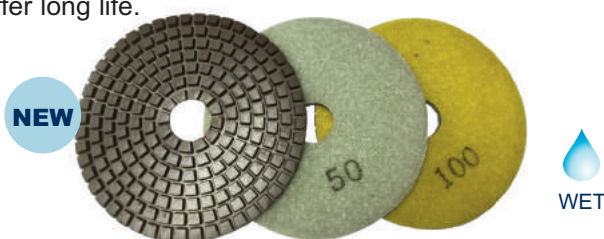
Polishing Pads & Belts

Wet Polishing



COPPER PLUS

These copper pads offer long life.
Available in 4" only.



DS Item #	Grit
53120096	30
53120097	50
53120098	100
53120099	200
53120100	400
53120101	800

GAMMA

The Gamma pad is specially designed for quartz and engineered stone. They provide a consistent and beautiful shine with depth and clarity, available in 4". 5" upon request.



DS Item #	Grit	Color
31012938	50	Light Green
31012939	100	Red
31012940	200	Yellow
31012941	400	Light Blue
31012942	800	Dark Green
31012943	1500	Orange
31012944	3000	Pink

ALPHA CERAMICA

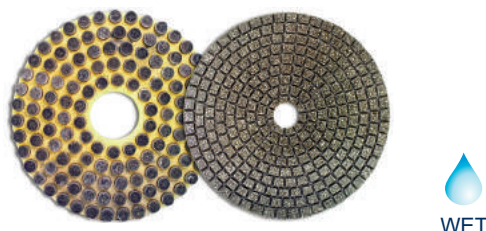
Achieve a high polish on engineered stone and difficult to polish stones, also works well for porcelain ceramic, terrazzo, quartz and all granite types. Use under 4000RPM. Available in 4" only.



DS Item #	Grit	Color
31016632	200	Yellow
31016633	500	Red
31016634	1000	Dark Green
31016635	2000	Light Green
31016636	3000	Brown

ALPHA VITRIFIED

Very aggressive and durable polishing pads. Ceramica Metal discs are designed to improve quality of the preparation work required to bring out the deep glossy finish.



DS Item #	Size	Grit
31016280	3"	60
31016283	3"	150
31016293	4"	60
31016296	4"	150
31016299	4"	300
31016308	5"	150
31016310	5"	300

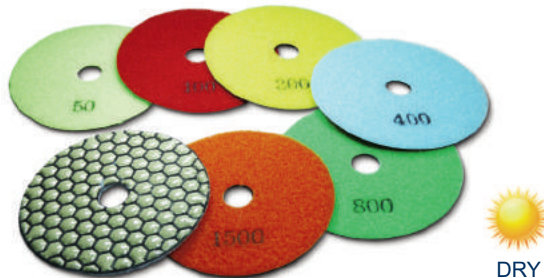


Polishing Pads & Belts

Dry Polishing

SUPERFLEX

Great pad with great value. The flexible construction is ideal for countertops. Available in 4" only.



DS Item #	Grit	Color
31012948	50	Lime
31012949	100	Red
31012950	200	Yellow
31012951	400	Light Blue
31012952	800	Light Green
31012953	1500	Orange
31012954	3000	Grey

DRYFLEX II

Ultra Flexible and high gloss polishing results with or without water. Increases pad life when used with water. Available in 4" only.



DS Item #	Grit	Color
31012460	60	Aqua
31012461	100	Brown
31012462	200	Beige
31012463	400	Orange
31012464	800	White
31012465	1500	Blue
31012466	3000	Yellow
31012468	5000	Black

SUPRA DRY

These hybrid pads provide exceptional polish on granite and engineered stone with long life. Available in 4" only.



DS Item #	Grit	Color
31012410	50	Black
31012411	100	Red
31012412	200	Orange
31012413	400	Yellow
31012414	800	Green
31012415	1500	Light Blue
31012416	3000	White

CERAMICA DRY

These new pads utilize a new process to make the diamond layer thicker, thus creating better quality results and a longer life than typical dry resin pads. They are available in 4".



DS Item #	Grit	Color
31016775	60	Blue
31016776	200	Yellow
31016777	500	Red
31016778	1000	Dark Green
31016779	2000	Light Green
31016780	3000	Brown
31016781	Kit 6 Pads 1 Each Grit	All



Polishing Pads & Belts

weha 3 STEP HYBRID

The quality of these 3 Step Hybrid diamond polishing pad system is revolutionizing the way shops are polishing. 4" Super Flexible and 3mm thick. Max RPM: 4500. Use wet on Granite and Engineered Stone.

2 formulas for best and fast results:

- Use Original white for light to medium colored stones.
- Use new dark formula for darker stones.



3 STEP HYBRID WHITE - ORIGINAL

DS Item #	Description	Color
31020260	4" POS1	Red
31020261	4" POS2	Yellow
31020262	4" POS3	Green

3 STEP HYBRID DARK

DS Item #	Description	Color
31020256	4" POS1	Red
31020259	4" POS2	Blue
31020255	4" POS3	Orange



PROFAB TRIO 3 STEP HYBRID

A great value 3 Step Hybrid diamond polishing pad system. 4" Super Flexible with new star pattern. Use wet on Granite and Engineered Stone.

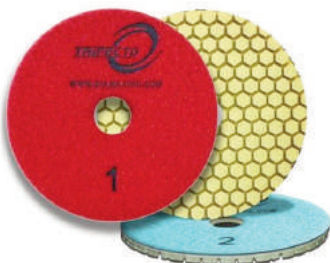


DS Item #	Description	Color
31020287	4" PRO-FAB TRIO POS 1	Yellow
31020288	4" PRO-FAB TRIO POS 2	Blue
31020289	4" PRO-FAB TRIO POS 3	Orange



TRIFECTO DRY-WET 3 STEP

Achieves the same gloss meter reading of a full system in half the time. Reduces polishing time by 40% to 50%. Suggested for use at 4000 RPM and dry or wet.



DS Item #	Description	Color
31020284	TRIFECTO POS 1	Red
31020285	TRIFECTO POS 2	Blue
31020286	TRIFECTO POS 3	Orange

DON'T SEE THE DIAMOND POLISHING PAD YOU WANT? NO WORRIES, OTHER POLISHING PADS FROM ALPHA CYCLONE WEHA PROFAB GRANITE PRO AVAILABLE UPON REQUEST! CALL US TODAY!



Polishing Pads & Belts

ALPHA TURBOSHINE

New polishing system from Alpha for scratch removals for natural and engineered stones. Equipped with the newly designed "Dual Adapter System". This new system allows you to utilize the optimum disc type and grit for the application without changing the drive system. Comes with rigid and flexible discs including the famous Alpha® Buffs along with a new and unique #2000 grit disc designed to bring back the original surface condition of Engineered Stone and Quartz Surfaces.



3" Turboshine Rigid

DS Item #	Grit	Color
31016120	100	Blue
31016121	200	Yellow
31016122	500	Red
31016123	1000	Dark Green
31016124	2000	Light Green
31016125	3000	Brown
31016126	Buff	Black
31016127	Buff	White

3" Turboshine Flexible

DS Item #	Grit	Color
31016128	100	Blue
31016129	200	Yellow
31016130	500	Red
31016131	1000	Dark Green
31016132	2000	Light Green
31016133	3000	Brown
31016134	Buff	Black
31016135	Buff	White
31016136	ES 2000	Light Green

3" Turboshine Crystallized Glass

DS Item #	Description
31016139	1000R Crystallized Glass
31016140	2000R Crystallized Glass
31016137	200R Crystallized Glass
31016138	500R Crystallized Glass
31016141	Tsuya Final Polish Crystallized Glass

3" Turboshine Adapter

DS Item #	Description
31016119	3" Turboshine Dual Adapter

GRANITE/PRO V-SLANT

Aggressive with 4 mm premium diamond thickness for long life, available in 3.5". Perfect for Scratch Removal and angled designed makes polishing along backsplashes and walls possible.

DS Item #	Grit	Color
31020201	50	Lime
31020202	100	Red
31020203	200	Yellow
31020204	400	Light Blue
31020205	800	Dark Green
31020206	1500	Orange
31020207	3000	Pink
31020208	Final Buff	Black
31020209	Final Buff	White



V-Slant Adapter

DS Item #	Description
31016279	Backer Pad for V-Slant Turbo Wheels

Adapter



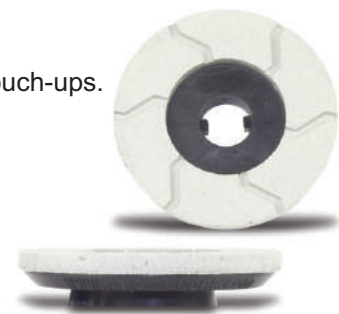
SL3 RIGID TURBO

3" NSI SL3 Series Turbo pad polishers used by NSI Seam Phantom or for surface touch-ups.

DS Item #	Grit
31012623	50
31012624	150
31012625	300
31012626	500
31012627	1000
31012628	2000
31012629	3000

SL3 Adapter

DS Item #	Description
31012620	5/8-11 SL3 ADAPTER



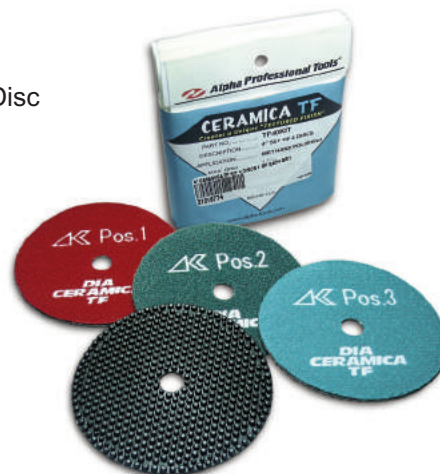


Polishing Pads & Belts

ALPHA CERAMICA TF FOR TEXTURED FINISHED

Create Textured Finishes on Engineered Stone / Quartz Surfaces. Flexible Disc reaches tight corners comfortably!

DS Item #	Description	Color
31016770	TF Pos. 0	Orange
31016771	TF Pos. 1	Red
31016772	TF Pos. 2	Dark Green
31016773	TF Pos. 3	Light Green
31016774	TF Kit 4 Discs	All

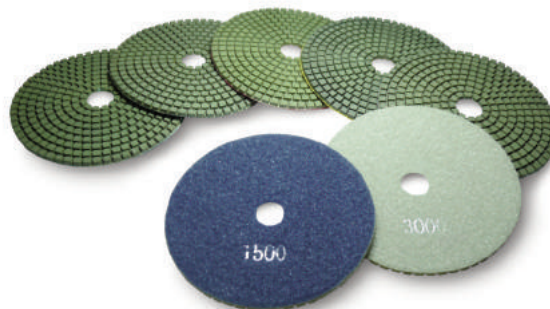


Concrete

CONCRETE PADS - WET

Highest quality diamond polishing pads for wet polishing of concrete contoured and straight edges as well as for countertops & floor. Velcro color coded for easy identification along with Velcro backed for quick pad changes. Available in 4".

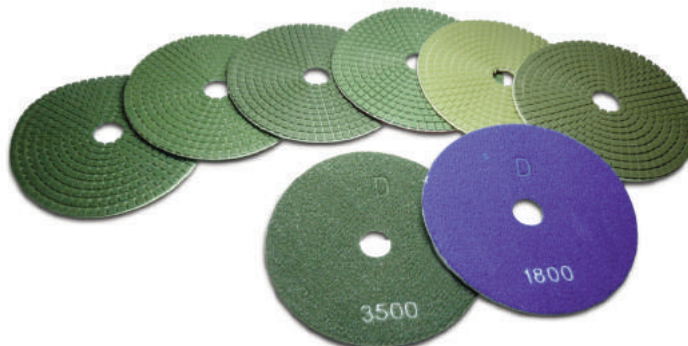
DS Item #	Grit	Color
31016700	30	Light Green
31016701	50	Green
31016702	120	Black
31016703	220	Red
31016704	400	Yellow
31016705	800	White
31016706	1800	Blue
31016707	3500	Grey



CONCRETE PADS - DRY

Highest quality diamond polishing pads for dry polishing of concrete contoured and straight edges as well as for countertops & floor. Velcro color coded for easy identification along with Velcro backed for quick pad changes. Available in 5".

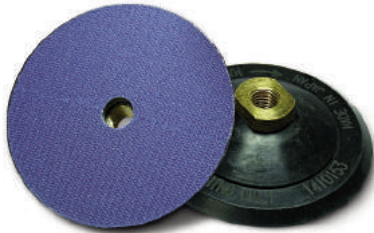
DS Item #	Grit	Color
31016708	30	Light Green
31016709	50	Green
31016710	120	Black
31016711	220	Red
31016712	400	Yellow
31016713	800	Grey
31016714	1800	Blue
31016715	3500	Dark Green





Polishing Pads & Belts

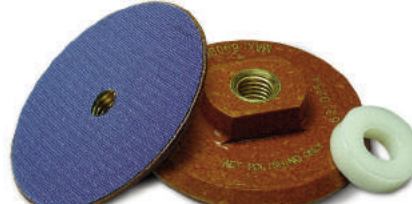
ALPHA FLEXIBLE BACK PADS



DS Item #	Size	Threads
29916148	3"	5/8-11
29916152	4"	5/8-11
29916156	5"	5/8-11

ALPHA RIGID BACK PAD

Alpha White Spacer (RGSPACER) included with every Alpha Rigid Back Pad.



DS Item #	Size	Threads
29916149	3"	5/8-11
29916153	4"	5/8-11
29916157	5"	5/8-11

DS Item #	Threads
29916217	White Nylon Spacer (RGSPACER)

GRANITE/PRO FLEXIBLE BACK PAD



DS Item #	Size	Threads
39916547	4"	5/8-11
39916549	5"	5/8-11

GRANITE/PRO RIGID BACK PAD



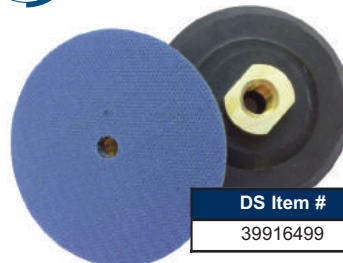
DS Item #	Size	Threads
39916503	3"	5/8-11
39916548	4"	5/8-11
39916550	5"	5/8-11

PROFAB SOFT FLEXIBLE



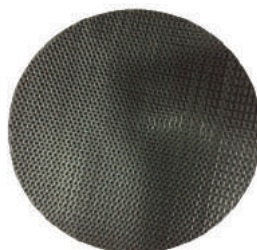
DS Item #	Size	Threads
39916531	4"	5/8-11

PROFAB MEDIUM FLEXIBLE



DS Item #	Size	Threads
39916499	4"	5/8-11

REPLACEMENT VELCRO



DS Item #	Description
22512180	6" REPLACEMENT VELCRO FOR BACK PADS
22512179	5" REPLACEMENT VELCRO FOR BACK PADS
22512178	4.5" REPLACEMENT VELCRO FOR BACK PADS
39916551	VELCRO FOR BACK PADS SOLD BY SQUARE FOOT



Polishing Pads & Belts

EXTREME FLEXIBLE BACK PAD



DS Item #	Size	Threads
39916530	4"	5/8-11

ALUMINIUM RIGID VELCRO



DS Item #	Size	Threads
31020192	4"	5/8-11
31020199	5"	5/8-11

SOFT FOAM



DS Item #	Size	Description
39916580	4"	5/8-11

FOAM RISER PAD



DS Item #	Size	Description
39916581	4"	Velcro Riser Pad

ALUMINIUM SNAIL LOCK ADAPTER



ALPHA

GRANITE PRO

DS Item #	Size	Description	DS #	Size	Description
31016321	4"	5/8-11	31020192	4"	5/8-11
31016207	5"	5/8-11	31020199	5"	5/8-11

RIGIDBACK PAD SNAIL GRIP



DS Item #	Size	Description
22514506	4"	100 mm
22514507	5"	130 mm

FOAM BACK PLATE



DS Item #	Size	Description
39916583	4"	5/8-11
39916516	5"	5/8-11

DOUBLE FOAM



DS Item #	Size	Description
39916591	3"	5/8-11
39916584	4"	5/8-11



Polishing Pads & Belts

ALPHA TURBOSHINE DUAL BACKUP PAD

Designed to attach rigid and to turboshine pads.
5/8"-11 female thread



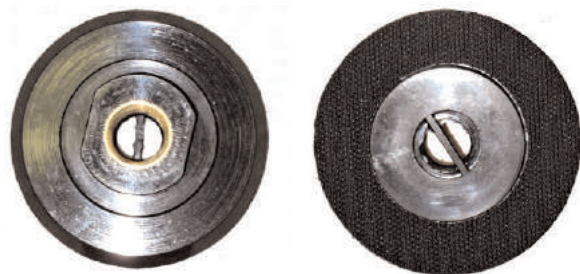
DS Item #	Description
31016119	3" Turboshine Dual Adapter

weha THICK YELLOW FOAM



DS Item #	Size	Threads
39916602	5"	5/8"
39916601	4"	5/8"

ADAPTOR FOR VSLANT



DS Item #	Size	Threads
31016279	3.5"	5/8"

RIGID BACK PAD VELCRO



DS Item #	Size	Threads
39916578	7"	5/8-11

SPIRACOOl FOR SANDING DISCS



DS Item #	Size	Threads
39916565	7"	5/8"-11

RED CHALLENGER FOR SANDING DISCS



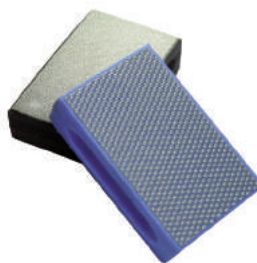
DS Item #	Size	Threads
39916562	5"	5/8-11



Hand Pads & Files

3M HAND PADS

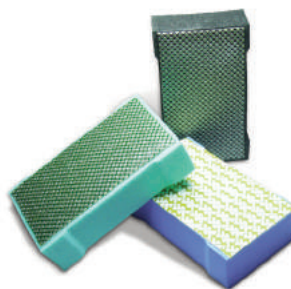
These durable hand laps are our best seller. These 2-1/4 hand pads are used for hand finishing of hard-to-grind materials such as stone, ceramics, glass and non-ferrous metals.



DS Item #	Mesh	Grit	Color
31016433	20	800	White
31016434	40	400	Yellow
31016345	74	200	Red
31016436	125	120	Black
31016347	250	60	Green
31016438	R10	1800	Blue

GRANITE PRO HAND PAD

A more economical version of Hand Pads. The 88 x 54 mm hand pads are great for hand finishing of hard-to-grind materials such as stone, ceramics, glass and non-ferrous metals.



DS Item #	Grit	Color
31016470	Final Buff	Black
31016471	60	Need
31016472	120	Need
31016473	220	Need
31016474	400	Yellow
31016475	400	Blue
31016476	800	Green
31016477	1500	Orange
31016478	3000	Pink

3M DIAMOND ABRASIVE FILES

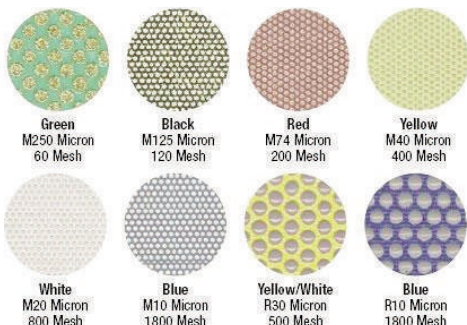
Diamond files are suitable for use on stone, ceramics, glass and non-ferrous metals. Convenient for hard polish areas. Files sold in set only.



DS Item #	Grit	Color
31016592	120	Black
31016593	200	Red
31016594	400	Yellow
31016595	800	White

3M QRS DIAMOND DISK KIT

For use on stone, ceramic, glass, metal, composites and other hard-to-grind materials. QRS (hook-and-loop) backing systems in 1" or 1 1/2" diameter discs. Works on regular drill.



M = Metal Plated R = Resin Bond

1" QRS

DS Item #	Grit	Color
31016507	60-1800	Disk Kits 1"
31016560	60	Green
31016561	120	Black
31016562	200	Red
31016563	400	Yellow
31016564	500	Yellow-White
31016565	800	White
31016566	1800	Blue
31016567	7500	Orange

1 1/2" QRS

DS Item #	Grit	Color
31016508	60-1800	Disk Kits 1-1/2"
31016568	60	Green
31016569	120	Black
31016570	200	Red
31016571	400	Yellow
31016572	500	Yellow/White
31016573	800	White
31016574	1800	Blue
31016575	7500	Orange



Texturing & Special Finishes



SNAIL LOCK BRUSHES



4"

DS Item #	Grit
22020097	120
22020098	220
22020099	300
22020158	400
22020159	600
22020160	800
22020161	800
22020162	1200
22020155	36
22020156	46
22020157	60

5"

DS Item #	Grit
22020103	120
22020104	220
22020166	300
22020105	400
22020167	600
22020168	800
22020169	800
22020170	1200
22020163	36
22020164	46
22020165	60



FRANKFURT ANTIQUE BRUSHES



DS Item #	Grit
22020093	36
22020127	46
22020128	60

DS Item #	Grit
22020109	120
22020110	220
22020111	300
22020150	400
22020151	600
22020152	800

DS Item #	Grit
22020153	800
22020154	1200



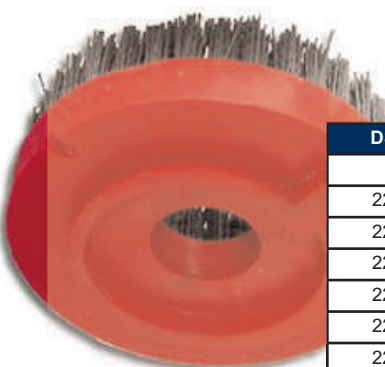
Texturing & Special Finishes

DIAMOND SNAIL LOCK BRUSHES



DS Item #	Grit
4"	
22020132	36
22020133	46
22020134	60
5"	
22020135	36
22020136	46
22020137	60

SNAIL LOCK SILICONE CARBIDE BRUSHES



DS Item #	Grit
4"	
22020174	36
22020175	46
22020176	60
22020177	80
22020178	120
22020179	240
5"	
22020180	36
22020181	46
22020182	60
22020183	80
22020184	120
22020185	240
22020186	320
22020187	500

MAFLEX BRUSH SNAIL



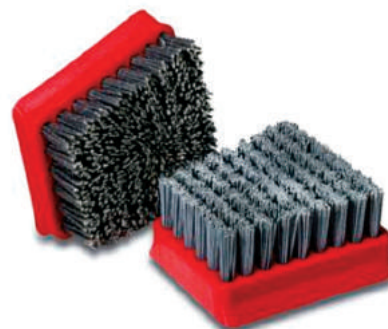
DS Item #	Grit
4"	
22011908	36
22011909	60
22011917	80
22011912	120
22011913	180
22011914	240
5"	
22011910	36
22011911	60

FRANKFURT SILICONE CARBIDE WIRE BRUSH



DS Item #	Grit
22020188	36
22020189	46
22020190	60
22020191	80
22020192	120
22020193	240
22020194	320
22020195	500

FRANKFURT MAFLEX



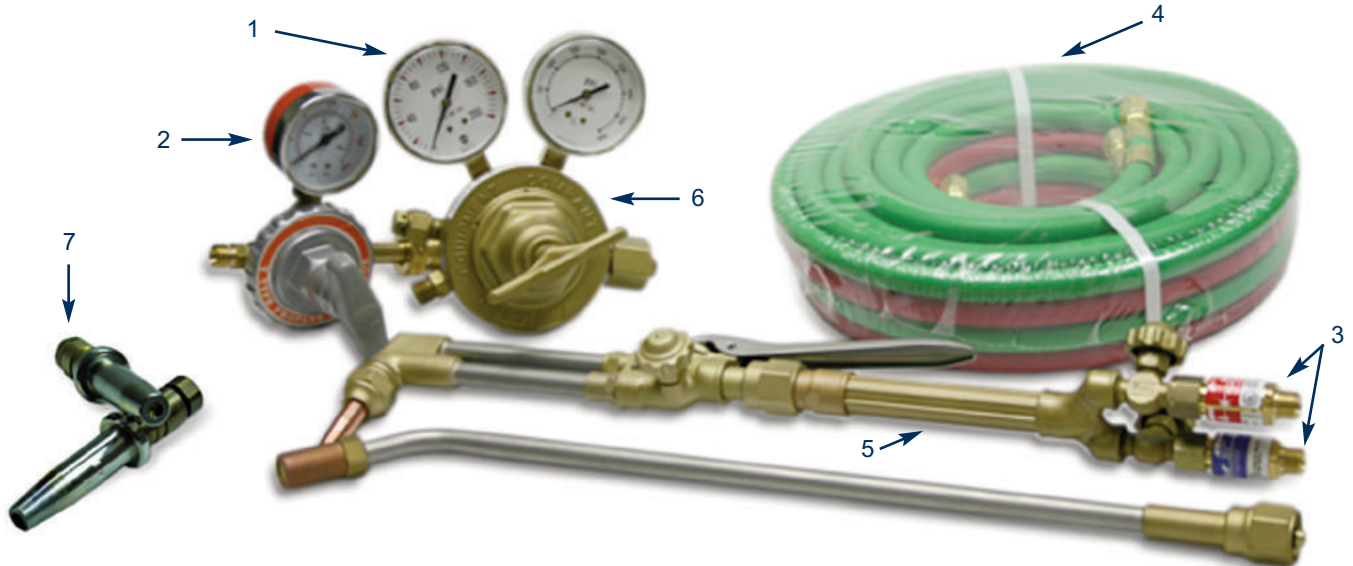
DS Item #	Grit	Color
22011902	36	Purple
22011903	46	Brown
22011906	60	Green
22011916	120	Black
22011907	240	Yellow
22011918	320	
22011915	500	Blue



Texturing & Special Finishes

FLAMING KIT

This process is usually done with granite. Flamed granite has a highly textured surface, making it ideal for areas where slip resistance might be a concern.



DS Item #	Description	Part #
25014413	#450 D Regular Oxygen Heavy Duty for Flamer	1
25014414	#ZR84 Regular Propane Heavy Duty for Flamer	2
25014415	Set Flash Back Arrestors Harris Flaming	3
25014437	25' 3/8" Propane Hose Set For Flamer	4
25014416	SW1B Heavy Duty Handle For Flamer	5
25014417	SC209 Cutter – HD DGE Cutter For Flamer	6
25014412	# SC 50 Cut Tip No 2 Propane Edge For Flamer	7
25014433	#44 Burner 48" Granite Flamer Flat Gold End	8
25014644	Small Round Tip Granite Flamer #4642 48" LO	9
25014648	#2290HPM-1 Small Round Tip W/Adapter For Granite	10
25014425	Small Round Copper Tip Granite Flamer 18" L	11
25014431	Small Round Tip Granite Flamer #4642 30" LO	12
25014427	Big Round Tip F Granite E Flamer #1495 48" Long	13
25014426	#4495 Burner 48" Granite Round Gold End	14
25014397	F-400 Head Gear For Visor No Window	15
25014402	4178 Window Dark Green Grade 5	16
25014398	Sheep Skin Gloves For Flaming Application	17
25014399	Leather Apron 42" Long For Flaming Applications	18
25014428	Flamer Tip #44 Flat Gold Flaming Burner	19



Not available in the USA.

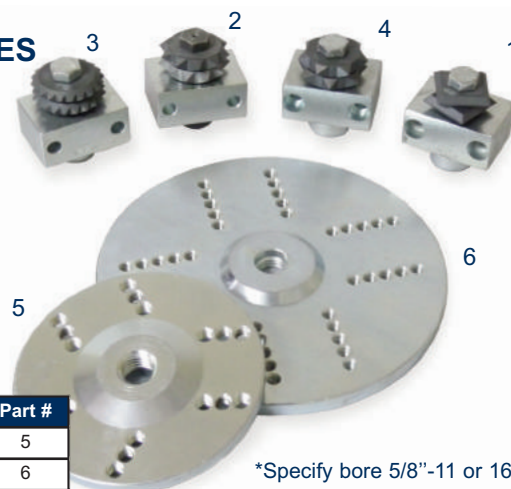


Texturing & Special Finishes

BUSH HAMMERING HEADS FOR PORTABLE MACHINES

Heads are easily and quickly replaced on Flex Grinder or plate.
Finish varies depending on number of points on head.

Sold by single head.



REPLACEMENT HEAD

DS Item #	Points	Part #
23014619	4	1
23014547	7	4
23014570	10	2
23014546	20	3

PLATE*

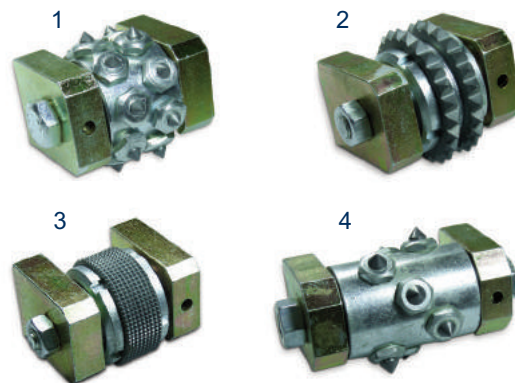
DS Item #	Description	Part #
23014599	100 mm	5
23014600	150 mm	6

*Specify bore 5/8"-11 or 16 mm.

BUSH HAMMERING FOR LARGER MACHINES

Roller plates for bushhammering and rolling suitable for manual polishing machines, arm polishing machines, bridge polishing machines, automatic belt polishing machines, bridge cutters and old fashioned bushhammering machines. Diameters from 30cm up to 1m. All kinds of grains, from the finest (similar to sandblasting) to the most coarse.

DS Item #	Description	Part #
23014540	16 Points - Medium	1
23014542	24 Points - Fine	2
23014543	Sandblast Finish	3
23014584	9 Points Dia. 60 - Coarse	4



DS TECH TIP

A bush hammer is a tool used to texturize stone. Bush hammers exist in many forms, from simple handheld hammers to large electric machines. The repeated impact of these points into stone or concrete creates a rough, pockmarked that resembles naturally weathered rock.

More points = finer finish. Stairs: Recommend 7 or 10 point finish.



FOR TEXTURED FINISH POLISHING PADS,
SEE PAGE 4.42

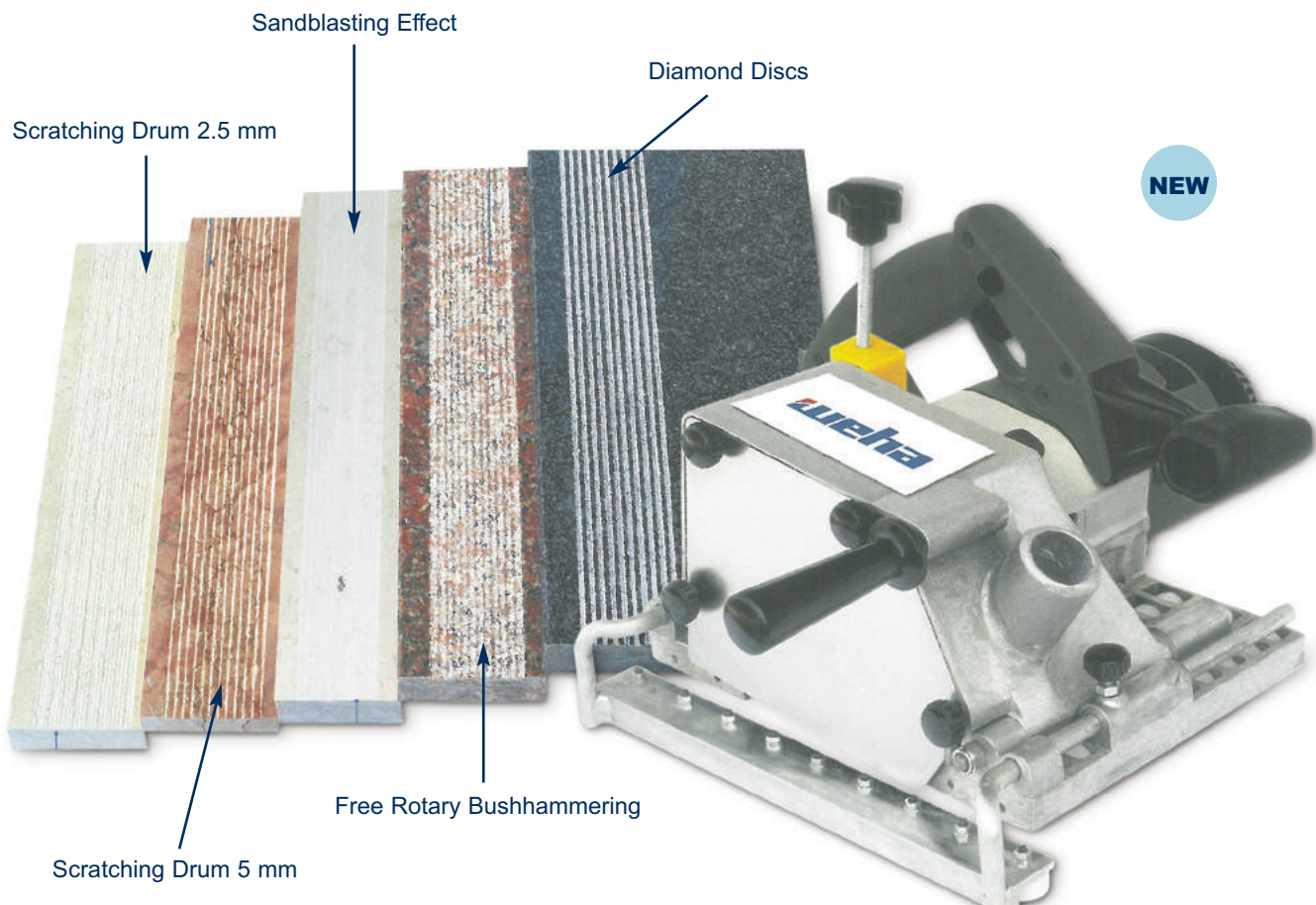


Texturing & Special Finishes

STAIR-MASTER

The Stair-Master is an electric powered tool holder for rough anti-skid grooving on natural stone.

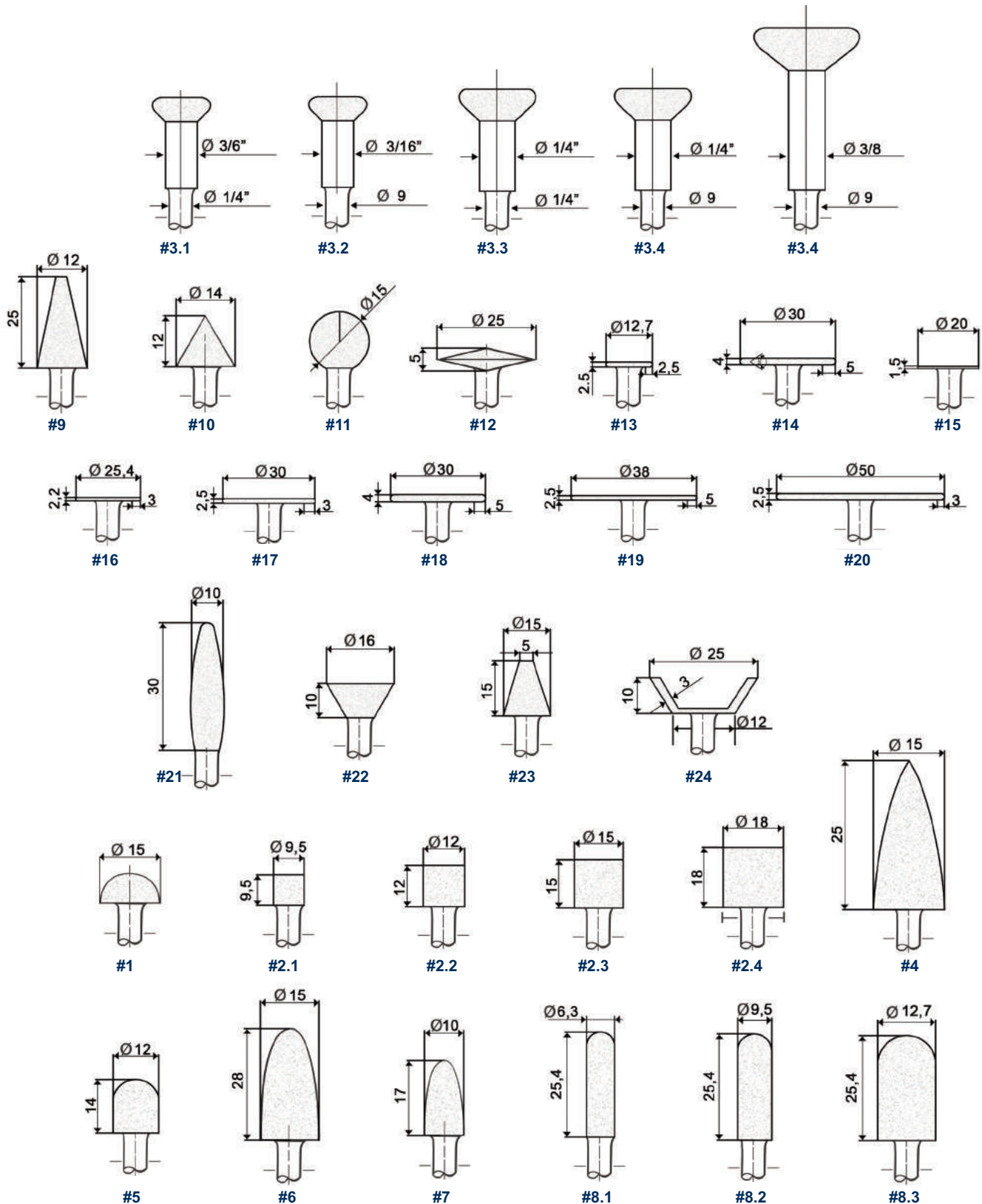
- Including mounting accessories and technical instruction
- Handy as it is moving on wheels with guide bar alignment
- Very safe as the rotating tools are totally enclosed
- Multipurpose as it can fit different kinds of tools according to the required processing



AVAILABILITY UPON REQUEST. CALL FOR MORE INFORMATION.



Burrs & Lapidary Products





Burrs & Lapidary Products

VACUUM BRAZED BURRS

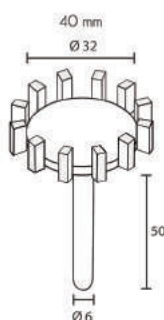
Part #	DS #	Height	Dia.	Shank
3.1	33016615		3/16"	1/4"
3.2	33016616		3/16"	9 mm
3.3	33016617		1/4"	1/4"
3.4	33016618		1/4"	9 mm
3.5	33016619		3/8"	9 mm
9	33016627	17 mm	12 mm	1/4"
10	33016628	12 mm	14 mm	1/4"
11	33016629		15 mm	1/4"
12	33016630	5 mm	25 mm	1/4"
13	33016631	2 mm	12.7 mm	1/4"
14	33016632	4 mm	30 mm	1/4"
15	33016633	1.5 mm	20 mm	1/4"
16	33016634	2.2 mm	25.4 mm	1/4"
17	33016635	2.5 mm	30 mm	1/4"
18	33016636	4 mm	30 mm	1/4"
19	33016637	2.5 mm	38 mm	1/4"
20	33016638	2.5 mm	50 mm	1/4"
21	33016639	30 mm	10 mm	1/4"
22	33016640	10 mm	16 mm	1/4"
23	33016641	15 mm	5,15 mm	9 mm
24	33016642	10 mm	25 mm	1/4"
1	33016610		15 mm	1/4"
2.1	33016611	9.5 mm	9 mm.5	1/4"
2.2	33016612	12 mm	12 mm	1/4"
2.3	33016613	15 mm	1 mm5	1/4"
2.4	33016614	18 mm	18 mm	1/4"
4	33016620	25 mm	15 mm	1/4"
5	33016621	14 mm	12 mm	1/4"
6	33016622	28 mm	15 mm	1/4"
7	33016623	17 mm	10 mm	1/4"
8.1	33016624	25.4 mm	6.3 mm	1/4"
8.2	33016625	25.4 mm	9.5 mm	1/4"
8.3	33016626	25.4 mm	12.7 mm	1/4"



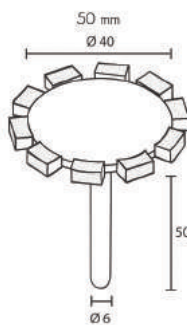


Burrs & Lapidary Products

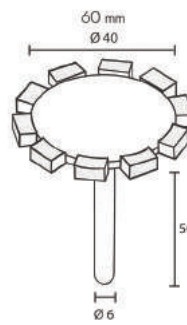
SINTERED DIAMOND BURRS



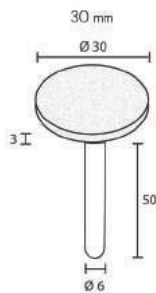
#16



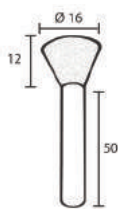
#17



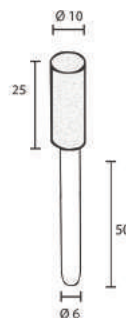
#17 XL



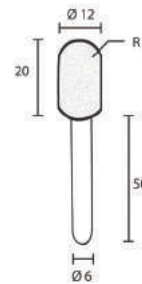
#18



#21



#26



#27

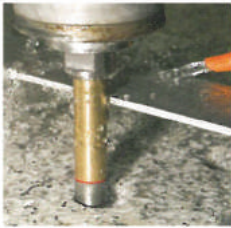
Part #	DS Item #	Description	Height	Dia.
16	33016513	Gear	9 mm	40 mm
17	33016514	Slotter	3 mm	50 mm
17 XL	33016521	XL Slotter	3 mm	60 mm
18	33016515	Coin	3 mm	30 mm
21	33016516	Dovetail	12 mm	16 mm
26	33016517	Cylinder	25 mm	10 mm
27	33016518	Flute	20 mm	12 mm
27 XL	33016520	(Not shown)	35 mm	10 mm
29	33016519	(Not shown)	3 mm	25 mm
2" Blade	33016505	(Not shown)	2.5 mm	50 mm
2.5" Blade	33016511	(Not shown)	2.5 mm	65 mm



Radial Arm Tooling

The versatile do-anything machine for every shop, new or existing. Polish, shape and core with simple one-person operation and generate more product in less space with lower labor costs. No matter which radial machine you own and the work you need to perform, we have the tooling!

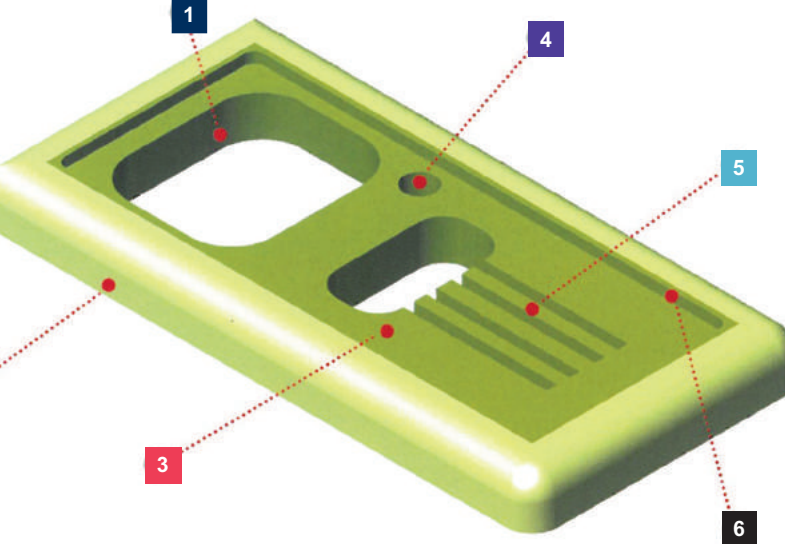
1 BOWL



2 EDGE



3 CALIBRATING



4 HOLE



5 GROOVES & DRAINBOARD



6 SURFACE



RYE CORP/FAB KING



PARK/WIZARD



THIBAUT/T-108 SERIES



GHINES SYSTAR



Need Standard or custom adaptors for radial arm type machines?
We stock standard adaptors and for custom projects, our Derusha machine shop can help
find and make a solution! Call us today to discuss.



Radial Arm Tooling

1 BOWL

JET TIP HOLDERS

DS Item #	Brand	Description	Threads
33025619	GRANITE-PRO	Jet Tip Holder Adapter 1 /2" gas	Regular Threads
33025630	GRANITE-PRO	Copper Sleeve only for Jet Tip Holder	N/A
33016700	APEXX	Jet Tip Holder 1/2" gas Adapter	Reverse Threads
33016694	DIAMUT	Jet Tip Holder 1/2" gas Adapter	Reverse Threads

JET TIPS

DS Item #	Brand	Description	Threads
33025620	PRO-FAB	Burgandy Diamond Jet Tip	All Purpose/Stone
33025604	GRANITE-PRO	Red Diamond Jet Tip	All Purpose/Stone
33025626	GRANITE-PRO	Green Diamond Jet Tip	Engineered Stone
33016670	GRANITE-PRO	White Dekton Jet Tip	Dekton Porcelain
Call us	CYCLONE	Incremental Jet bit	All Purpose/Stone
33016693	DIAMUT	Jet Tip Reverse Thread	All Purpose/Stone
33016701	APEXX	Green Tip Reverse Thread	All Purpose



2 EDGE

Please refer to section 4 : Profiles, Edging and Drums.

3 CALIBRATING

Please refer to CNC section.

4 HOLE

Please refer to CNC section and section 4 : Core Bits

5 GROOVES & DRAINBOARD

Please refer to CNC section.

6 SURFACE

See next page (section 4 : Slab Polishing Machine Tooling.)



Surface Polishing

ALPHA SUMMIT GRANITE POLISHING SYSTEM

The Alpha Summit Polishing System is for use on radial arm polishing commonly used throughout the stone industry in the fabrication process. It works well on all types of these machines and is easily adapted to them. The system is ideal for polishing raw granite slabs and restoring a scratched granite surface on a previously polished item such as a tabletop or counter top.

Stage 1

Summit Metal

Aggressive metal bond grits to remove deep scratches evenly, the very fast and even operation prepares the granite surface for polishing. The grit sequence is from 63 to 400 grit, which grinds and hones the granite.



Stage 1

Summit Resin

Resin bond grits to polish the granite surface. This technology makes the polishing process smooth, fast and easy for the operator. The grit sequence is from 200 to 3000 grit, which provides for a clean factory finish.



Stage 1

Summit Final Polish

Final Polish discs brings out a deep gloss and luster. No chemical powders are needed and it is easy to operate. Use black buff on dark stones and white buff on light stones.



Grit	DS Item #			Recommended Polishing Sequence		
	6"	8"	10"	Black	Gray	Hard Red
Summit Metal						
50	33016351	33016355	33016359	Option for Fast Mat Removal		
80	33016352	33016356	33016360	Pos. 1	Pos. 1	Pos. 1
200	33016353	33016357	33016361	Pos. 2	Pos. 2	Pos. 2
400	33016354	33016358	33016362	Pos. 3	Pos. 3	N/A
Summit Resin						
200	33016363	33016368	33016373	N/A	N/A	Pos. 3
500	33016364	33016369	33016374	Pos. 4	Pos. 4	Pos. 4
1000	33016365	33016370	33016375	Pos. 5	Pos. 5	Pos. 5
2000	33016366	33016371	33016376	Pos. 6	Pos. 6	Pos. 6
3000	33016367	33016372	33016377	N/A	N/A	N/A
Summit Final Polish						
White Buff	33016325	33016326	33016329	Pos. 8	Pos. 7	Pos. 7
Black Buff	33016324	33016327	33016328	Pos. 8	Pos. 7	Pos. 7



Surface Polishing

GRANITE/PRO GRANITE POLISHING SYSTEM

The G-Pro Polishing System is for use on radial arm polishing commonly used throughout the stone industry in the fabrication process. It works well on all types of these machines and is easily adapted to them. The system is ideal for polishing raw granite slabs and restoring a scratched granite surface on a previously polished item such as a tabletop or counter top.

Stage 1

G-Pro Metal

Aggressive metal bond grits to remove deep scratches evenly. the very fast and even operation prepares the granite surface for polishing. The grit sequence is from 63 to 400 grit, which grinds and hones the granite.



Stage 1

G-Pro Resin

Resin bond grits to polish the granite surface. This technology makes the polishing process smooth, fast and easy for the operator. The grit sequence is from 200 to 3000 grit, which provides for a clean factory finish.



Stage 1

G-Pro Final Polish

Final Polish discs brings out a deep gloss and luster. No chemical powders are needed and it is easy to operate. Use black buff on dark stones and white buff on light stones.

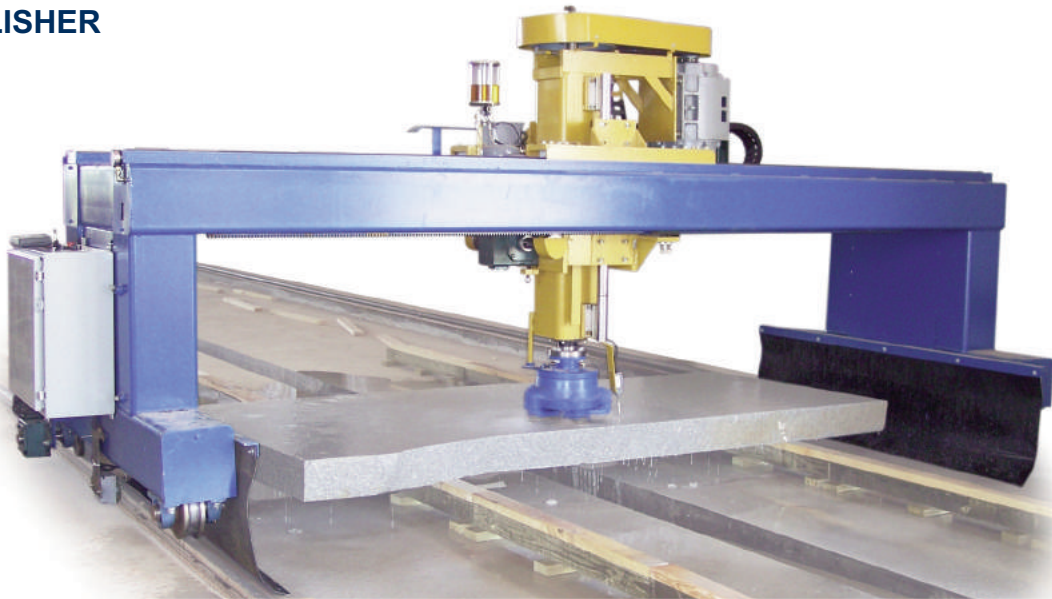


Grit	DS Item #			Recommended Polishing Sequence		
	6"	8"	10"	Black	Gray	Hard Red
G-Pro Metal						
50		31016263	31016256	Pos. 1	Pos. 1	Pos. 1
200		31016264	31016257	Pos. 2	Pos. 2	Pos. 2
400		31016273	31016237	Pos. 3	Pos. 3	N/A
G-Pro Resin						
200	31016691	31016265	31016258	N/A		
500	31016692	31016266	31016259	Pos. 4	Pos. 4	Pos. 4
1000	31016693	31016267	31016260	Pos. 5	Pos. 5	Pos. 5
2000	31016694	31016268	31016261	Pos. 6	Pos. 6	Pos. 6
3000	31016695	31016269	31016262	N/A	Pos. 7	Pos. 7
G-Pro Final Polish						
White Buff	31016327	31016206		Pos. 8	Pos. 8	Pos. 8
Black Buff	31016326	31016208	31016255	Pos. 8	Pos. 8	Pos. 8



Surface Polishing

SLAB POLISHER



WE SELL SURFACE POLISHING MACHINES. CALL FOR MORE INFORMATION.

CO.ME.S. POLISHING HEADS



Storm Blu Line 5 Brick

Storm Line, a complete line of tangential heads with oscillating arms, for dressing and polishing marble and granite, porcelain and granite stoneware.



HT Tangential Head 6 Brick

The new HT head has been designed as a result of the continuous technological innovation that CO.ME.S. world leader in the manufacture of heads.



MIX for calibrating

The MIX head is a revolution in the mechanics of polishing heads, as it has 3 satellites and 3 ficket arms that work on the surface all at the same time.

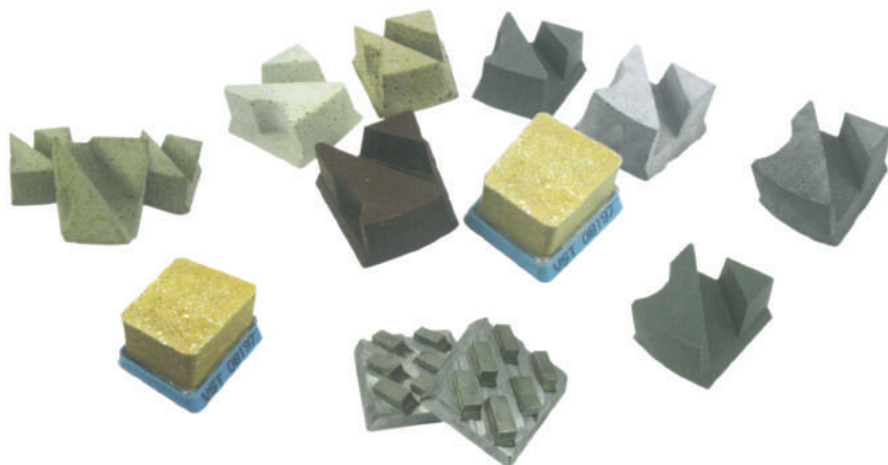
DS Item #	Description
23014400	Storm Blu
23014404	HT
23014401	MIX

WE ARE AN AUTHORIZED CO.ME.S. POLISHING HEAD REPAIR CENTER AND STOCK PARTS.
CALL US FOR INFORMATION.



Surface Polishing

LUNA FRANKFURT BRICKS



PHEN BRICK

DS Item #	Grit
22012090	60
22012106	120
22012091	180
22012092	320
22012108	400
22012109	600
22012105	800
22012120	1200
22012107	5 x 2000

MAG BRICK

DS Item #	Grit
22012100	60
22012101	80
22012102	120
22012103	180
22012104	220

LUNA 145 MM SECTOR RESIN



BOND DIAMOND BRICKS

DS Item #	Grit
22020140	80
22020141	120
22020142	220
22020143	320
22020144	400
22020145	600
22020146	800
22020147	1200

LUNA 140 MM FICKERT SECTOR



POLISHING BRICK

DS Item #	Grit
22020016	16
22020015	36
22020020	46
22020021	60
22020022	120
22020023	180
22020024	220
22020025	320
22020026	400
22020027	600
22020028	800
22020029	1000
22020030	1200
22020031	LUCID



offers a complete line of abrasives for granite, marble, limestone, concrete, glass and other surface material.





CNC & CNC Tooling

CNC 5.2

CNC Tooling - Diamut 5.7

- L120 Series 5.9
- L80 Series 5.18
- L60 Series 5.23
- L40 Series 5.24
- L20 Series 5.26

CNC Tool Redressing 5.27

Routers (Finger Bits) 5.28

Seam, Breakers & Stubbing Wheels 5.30

Core Bits 5.32

Tool Holders 5.34

Suction Cups 5.36

Parts and Accessoires 5.39

- Petal Collets 5.39
- Loc Line 5.39
- Tool Forks 5.40
- Intermac 5.40





the
STONE
EXPERIENCE

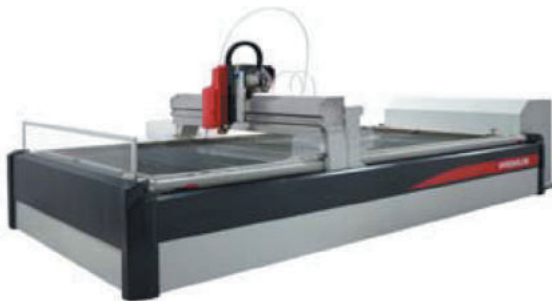
INTERMAC
GLASS & STONE DIVISION



Master Series

3 / 4 / 5 axes work centers

Total productivity solution
State of the art technology as a means to
high finishing quality.
Already working at thousands of
customers all over the world.



Water Jet Cutting System

Primus Water Jet

The Primus waterjet technology offers
an unbeatable combination of advanced
programming and low maintenance.

Our Intermac Stone Division specializes in machinery and systems for the fabrication of natural and synthetic stone, providing innovative solutions for drilling, milling, grinding and many other applications, fully automating and integrating processes once performed manually or semi-automatically.

For more information about our cutting edge technology contact our local Distributor **Derusha Supply** at the **(800) 567-6199**.





INTERMAC MASTER 23

The careful analysis of the commercial and technical requirements filtered by Intermac experience, have brought to the intuitive conception of an easy operating machine, that allows an automatic machine management and high configurability. Thanks to its high technology and flexibility, Master 23 can be adapted to the specific productive and economic requirements of the client and offers the possibility to select between different configurations. It satisfies the whether of the complex and long duration installations, whether of the short installations dedicated to the production of large series, reaching high quality results with a reduced investment.



Specifications	
Spindle nose axis stroke (X; Y; Z)	2500 x 1200 mm 159.8 x 90.5 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	3250 x 1120 mm 127.25 x 44 inch
Electro-spindle power	7.5 kW - 10 HP
Maximum electrospindle rotation speed	12 000 RPM

INTERMAC MASTER 30

The new Master 30 further enriches the range of Intermac work centers, and has been designed for companies requiring high production rhythms and for small businesses needing to automatic their production process. Equipped with a work table of over three meters in length, the Master 30 provides the same sturdiness, precision and speed as those obtainable from higher performance machines currently available on the market. For just a small investment, the Master 30 will supply top quality results.



Specifications	
Spindle nose axis stroke (X; Y; Z)	3180 x 1720 x 390 mm 125.2 x 67.7 x 15.3 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	3080 x 1620 mm 121.2 x 63.8 inch
Electro-spindle power	15 kW - 20 HP
Maximum electrospindle rotation speed	12 000 RPM



CNC

INTERMAC MASTER 33 & 33 PLUS AND MASTER 43 & 43 PLUS

The master series work centers for the processing of stone offer to final users highly advanced technical solutions. The extreme configurability of these machines take them ideal for the most diverse work environments granting reliability and maximum response to the production needs with a reduced investment that can be quickly paid back. The attention that Intermac always paid to the requirements of customers world wide has brought to some revolutionary innovations.



MASTER 33 & 33 PLUS

Specifications	
Spindle nose axis stroke (X; Y; Z)	3350; 1720; 390 mm -131.8; 49.9; 15.3 inch (Z = 25.6 inch for Plus model)
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	3250 x 1620 mm -127.9 x 63.7 inch
Electro-spindle power	15 kW - 20 HP
Tool rack	14 + 14 (optional)

MASTER 43 & 43 PLUS

Specifications	
Spindle nose axis stroke (X; Y; Z)	4160 x 2400 x 650 mm -163.7 x 94.4 x 15.3 inch (Z = 25.6 inch for Plus model)
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	4060 x 2300 mm -9.8 x 90.5 inch
Electro-spindle power	15 kW - 20 HP
Max. Electrospindle rotation speed	12 000 RPM

INTERMAC MASTER 35 PLUS AND 45 PLUS

The Master represent the latest evolution in the field of work centers with 5 interpolating digital axes for stone processing. The main features of these models are:

- Greater flexibility thanks to the unlimited C axis and to the A axis (+90° - 90°).
- The wide processing area and the big Z axis stroke will allow the processing of big and thick blocks, further widening the capacities of this working centers.



MASTER 35 PLUS

Specifications	
Spindle nose axis stroke (X; Y; Z)	3259; 1620; 530 mm -128.3; 63.8; 20.8 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	3250 x 1620 mm -127.9 x 63.7 inch
Electro-spindle power	15 kW - 20 HP
Tool rack	14 + 14 (optional)

MASTER 45 PLUS

Specifications	
Spindle nose axis stroke (X; Y; Z)	4160; 2400; 530 mm 163.7; 94.4; 20.8 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	4060 x 2300 mm 159.8 x 90.5 inch
Electro-spindle power	7.5 kW - 10 HP
Maximum electro-spindle rotation speed	12 000 RPM



INTERMAC MASTER 33 TWIN/ 43 TWIN

Master 33 Twin are the new Intermac work centers equipped with an operating head with two spindles. This device significantly revolutionizes the way in which we are accustomed to imaging work centers. In fact, if, on the one hand, this type of machine has always been known for maximum flexibility with which the different machining operations could be carried out, on the other, at times the same result could also be obtained by resorting to compromise in terms of productivity.



MASTER 33 TWIN

Specifications	
Spindle nose axis stroke (X; Y; Z)	3350 x 1720 x 315 mm 131.89 x 67.72 x 12.40 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	3250 x 1120 mm 127.25 x 44 inch
C axis stroke	Unlimited
Tool rack	12 + 14 (optional)

MASTER 43 TWIN

Specifications	
Spindle nose axis stroke (X; Y; Z)	4160 x 2400 x 315 mm 161.42 x 94.49 x 12.40 inch
Maximum sheet size (3 axis grinding with 100 mm wheel diameter)	4060 x 1800 mm 159.8 x 70.8 inch
C axis stroke	Unlimited
Tool rack	12 + 14 (optional)

TOOL PRESETTER

The Presetter positioned next to the cabinet and directly connected to the software of the machine to update in real time the tools parameter, enables to set the whole tools of a sequence through a camcorder. Grants great speed, precision and eliminates the necessity to make tests before starting the production of the first piece..



CNC TOOLING

We proudly distribute CNC tooling from  DIAMUT
Call us to discuss your needs!



DIAMUT

Diamond Tools for Stone

Diamut, a world leader in the production of diamond tools for stone fabrication, is pleased to offer its full range of products through Derusha Supply. From edge details to drills and world-class polishing technology, Diamut marries its knowledge of tooling production with unparalleled expertise in stone fabrication.

Known for more than 25 years for its legendary long-life traditional CNC tooling, Diamut has introduced Hyper Speed CNC Tooling striking the perfect balance of speed and tool life. Ask today how Diamut can reduce your CNC tooling cost with a 6 step process and long tool life.

For more information contact your local Derusha representative or call **(800) 567-6199** to ask how Diamut diamond tools can reduce your CNC tooling cost.



DIAMUT HYPER SPEED

- Higher performance bond.
- More cooling cuts.
- New calibrating system for higher reliability.
- Card with tool measurement provided.
- High precision tool balancing executed with high-precision machinery.





CNC Tooling

PARAMETERS FOR GRANITE & ENGINEERED STONE

SEGMENTED CORNER BREAKER

Position	RPM	Feed (mm/min)	Removal
0	5500	Up to 3000	> 3 mm

DIAMOND TOOLS - 120mm

Position	RPM	Feed (mm/min)	Removal
1	5500	Up to 3000	0.4 mm
2	6000	Up to 6000	0.25 mm
3	6000	Up to 6000	0.15 to 0.20mm
4	5500	Up to 3000	0.10 to 0.15mm

DIAMOND TOOLS - 80mm

Position	RPM	Feed (mm/min)	Removal
1	6000	2000	0.4 mm
2	6500	3000	0.25 mm
3	6500	3000	0.2mm
4	6000	2000	0.1mm

DIAMOND TOOLS - 40mm - 60mm

Position	RPM	Feed (mm/min)	Removal
1	6000	Up to 2000	0.4 mm
2	6500	Up to 3000	0.25 mm
3	6500	Up to 3000	0.2mm
4	6000	Up to 2000	0.1mm

DIAMOND TOOLS - 20mm

Position	RPM	Feed (mm/min)	Removal
1	6000	Up to 1500	0.4 mm
2	6500	Up to 2500	0.25 mm
3	6500	Up to 2500	0.2mm
4	6000	Up to 2000	0.1mm

PARAMETERS FOR DEKTON

DRILL

Diameter	RPM	Feed (mm/min)
35 mm	1900-2000	10-20

CUTTING ROUTERS

Diameter	RPM	Feed (mm/min)
20 mm	5200	300

BLADES

Diameter	Feed (mm/min)
300 mm	500
360 mm	500

FLASH RESIN POLISH

Position	Color	RPM	Feed (mm/min)	Removal
5	Yellow	2700	1000-1500	0.05mm
6	Blue	2700	1000-1500	0.05mm
7	Orange	2700	1000-1500	0.05mm

STAR POLISH

Position	Color	Grit	RPM	Feed (mm/min)
5	Grey	600	1500	1200
6	Green	1000	1500	1200

CONTINUOUS RIM (THIN WALL) CORE DRILL

RPM	Feed (mm/min)	Removal
2200	Up to 60	N/A

CALIBRATING WHEELS (STUBBING WHEELS)

Diameter	RPM	Feed (mm/min)
50	6000	250 to 1000
85	4500 to 5000	500 to 2000
90	4500 to 5000	500 to 3000

POWER EDGE (SUPER Z)

Position	RPM	Feed (mm/min)
1	7000	500 to 2000
2	7000	600 to 2000

ROUTER (GOLD)

Product	RPM	Feed (mm/min)	Removal	Application
Gold HyS Long Life	5500	Up to 700	1 to 2mm	General Purpose HyS
Gold HyS Long Life	5500	350	Sink Cutout	General Purpose HyS
Green	4800	Up to 450	1 to 2mm	Hard/Abrasive Material
Green	4800	250	Sink Cutout	Hard/Abrasive Material

EDGE PROCESSING $\varnothing = 120\text{mm}$












Position	RPM	Feed (mm/min)	Removal
1	5000	3000	0.3 – 0.4mm
2	5000	3000	0.1 – 0.2mm
3	5000	3000	0.1mm
4	3400	3000	radial off set 0.1mm
5	3400	1000	radial off set 0.1mm
6	800	1000	radial off set 0.1mm















NOTE: Production parameters vary based on spindle power and material. Operating parameters material vary due to material.



CNC Tooling - Diamut

PROFILE INDEX

Slab	Shape	L120	L80	L60	L40	L20	Thickness (cm)
	A20r6		X		X		2
	A20r10	X	X				2
	A30r5					X	3
	A30r6	X	X		X		3
	A30r10	X		X			3
	A30r15	X	X				3
	A40r6		X		X		4
	A40r20	X	X				4
	AFR30r6r3		X				3
	AFR30r15r3	X					3
	AFR30r15r4		X				3
	AK2 30		X				3
	B20r20	X					2
	B30r30	X					3
	BFR30r30r3	X					3
	E20b8		X				2
	E30b6.5h26.5			X			3
	E30b8h25		X				3
	E30b11.5h21.5	X	X				3
	E30b16h17	X					3
	E30b20h13		X				3
	E30b8	X				X	3
	E40b8h35		X				4
	E40b11.5		X				4
	EFR30b11.5r4	X					3
	F20r12	X					2
	F30r17.4	X					3
	FB30	X					3
	FB40	X					4
	FBR30r10r3	X					3
	FV30	X					3
	FV40	X					4
	FZ30r10	X					3
	FZ40r10	X					4

Slab	Shape	L120	L80	L60	L40	L20	Thickness (cm)
	FZR01 30	X					3
	G30	X					3
	G40	X					4
	GV30	X					3
	GV40	X					4
	H20	X					2
	H30	X					3
	I20	X					2
	I30	X					3
	L20	X					2
	L30	X					3
	O30	X					3
	Q30	X					3
	T20r3	X	X	X	X	X	2
	T20r6	X	X				2
	T30r3	X	X	X	X	X	3
	T30r5				X		3
	T30r6	X	X				3
	T30r8	X					3
	T40r3	X	X				4
	T40r8	X					4
	TK40	X					4
	TP30	X					3
	V20	X					2
	V30	X					3
	V40	X					4
	X20		X				2
	X30		X		X		3
	Z20	X	X				2
	Z30	X	X	X	X		3
	Z40	X	X	X	X	X	4
	Z50	X					5
	Z60	X	X				6



CNC Tooling - Diamut

DIAMUT L120 SERIES

PROFILE A20 RADIUS = 10MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A30 RADIUS = 15MM Ø120MM	Position	DS Item #
	1	33028100
	2	33028101
	3	33028102
	4	33028103
	5	33028322
	6	33028323
	7	33028324

PROFILE A30 RADIUS = 6MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A40 RADIUS = 20MM Ø120MM	Position	DS Item #
	1	33028294
	2	33028295
	3	33028296
	4	33028297
	5	33028434
	6	33028435
	7	33028436

PROFILE A30 RADIUS = 10MM Ø120MM	Position	DS Item #
	1	33028385
	2	33028386
	3	33028387
	4	33028388
	5	33028389
	6	33028390
	7	33028391

PROFILE AFR30 RADIUS = 3MM CLOSED Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L120 SERIES

PROFILE B20 RADIUS = 20MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE E30 B11,5 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE B30 RADIUS = 30MM Ø120MM	Position	DS Item #
	1	33028257
	2	33028258
	3	33028259
	4	33028260
	5	33028325
	6	33028326
	7	33028327

PROFILE E30 B16 15X15 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE BFR30 RADIUS = 3MM CLOSED Ø120MM	Position	DS Item #
	1	33028236
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE E30 B8 8X8 Ø120MM	Position	DS Item #
	1	33028154
	2	33028155
	3	33028156
	4	33028157
	5	33028530
	6	33028531
	7	3028552



CNC Tooling - Diamut

L120 SERIES

PROFILE EFR30B11.5R4 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE FB30 Ø120MM	Position	DS Item #
	1	33028195
	2	33028196
	3	33028197
	4	33028198
	5	Call us
	6	Call us
	7	Call us

PROFILE F20 RADIUS = 12MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE FB40 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE F30 RADIUS = 17.4MM Ø120MM	Position	DS Item #
	1	33028106
	2	33028307
	3	33028308
	4	33028309
	5	Call us
	6	Call us
	7	Call us

PROFILE FBR30R3 RADIUS = 10MM CLOSED Ø120MM	Position	DS Item #
	1	33028154
	2	33028155
	3	33028156
	4	33028157
	5	33028530
	6	33028531
	7	3028552



CNC Tooling - Diamut

L120 SERIES

PROFILE FV30 Ø120MM	Position	DS Item #
	1	33028334
	2	33028335
	3	33028336
	4	33028337
	5	33028372
	6	33028373
	7	33028374

PROFILE FZ40 Ø120MM	Position	DS Item #
	1	33028492
	2	33028493
	3	33028494
	4	33028495
	5	33028496
	6	33028497
	7	33028498

PROFILE FV40 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE FZR01 30 RADIUS = 3MM CLOSED Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE FZ30 Ø120MM	Position	DS Item #
	1	33028106
	2	33028107
	3	33028108
	4	33028109
	5	33028604
	6	33028605
	7	33028606

PROFILE G30 RADIUS = 4MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L120 SERIES

PROFILE G40 RADIUS = 5MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE H20 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE GV33 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE H30 Ø120MM	Position	DS Item #
	1	33028250
	2	33028251
	3	33028252
	4	33028253
	5	33028471
	6	33028472
	7	33028473

PROFILE GV40 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE I20 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L120 SERIES

PROFILE I30 Ø120MM	Position	DS Item #
	1	33028106
	2	33028107
	3	33028108
	4	33028109
	5	33028604
	6	33028605
	7	33028606

PROFILE O30 Ø120MM	Position	DS Item #
	1	33028474
	2	33028475
	3	33028476
	4	33028477
	5	33028489
	6	33028490
	7	33028591

PROFILE L20 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Q30 Ø120MM	Position	DS Item #
	1	33028199
	2	33028200
	3	33028201
	4	33028202
	5	33028466
	6	33028467
	7	33028468

PROFILE L30 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE T20 RADIUS = 3MM Ø120MM	Position	DS Item #
	1	33028177
	2	33028178
	3	33028179
	4	33028180
	5	33028411
	6	33028412
	7	33028413



CNC Tooling - Diamut

L120 SERIES

PROFILE T20R6 Ø120MM	Position	DS Item #
	1	<i>Call us</i>
	2	<i>Call us</i>
	3	<i>Call us</i>
	4	<i>Call us</i>
	5	<i>Call us</i>
	6	<i>Call us</i>
	7	<i>Call us</i>

PROFILE T30 RADIUS = 8MM Ø120MM	Position	DS Item #
	1	<i>Call us</i>
	2	<i>Call us</i>
	3	<i>Call us</i>
	4	<i>Call us</i>
	5	<i>Call us</i>
	6	<i>Call us</i>
	7	<i>Call us</i>

PROFILE T30 RADIUS = 3MM Ø120MM	Position	DS Item #
	1	33028438
	2	33028439
	3	33028440
	4	33028441
	5	33028405
	6	33028406
	7	33028407

PROFILE T40R3 Ø120MM	Position	DS Item #
	1	<i>Call us</i>
	2	<i>Call us</i>
	3	<i>Call us</i>
	4	<i>Call us</i>
	5	<i>Call us</i>
	6	<i>Call us</i>
	7	<i>Call us</i>

PROFILE T30 RADIUS = 6MM Ø120MM	Position	DS Item #
	1	33028312
	2	33028313
	3	33028314
	4	33028315
	5	33028408
	6	33028409
	7	33028410

PROFILE T40 RADIUS = 8MM Ø120MM	Position	DS Item #
	1	<i>Call us</i>
	2	<i>Call us</i>
	3	<i>Call us</i>
	4	<i>Call us</i>
	5	<i>Call us</i>
	6	<i>Call us</i>
	7	<i>Call us</i>



CNC Tooling - Diamut

L120 SERIES

PROFILE TK40 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE V30 RADIUS = 15MM Ø120MM	Position	DS Item #
	1	33028263
	2	33028264
	3	33028265
	4	33028266
	5	33028331
	6	33028332
	7	33028333

PROFILE TP30 RADIUS = 9.5MM CLOSED Ø120MM	Position	DS Item #
	1	33028195
	2	33028196
	3	33028197
	4	33028198
	5	Call us
	6	Call us
	7	Call us

PROFILE V40 RADIUS = 20MM Ø120MM	Position	DS Item #
	1	33028378
	2	33028379
	3	33028380
	4	33028381
	5	33028382
	6	33028383
	7	33028384

PROFILE V20 RADIUS = 10MM Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z20 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L120 SERIES

PROFILE Z30 Ø120MM	Position	DS Item #
	1	33028271
	2	33028272
	3	33028273
	4	33028274
	5	Call us
	6	Call us
	7	Call us

PROFILE Z40 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z50 Ø120MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L80 SERIES

PROFILE A20 RADIUS = 6MM Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A30 RADIUS = 15MM Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	33028322
	6	33028323
	7	33028324

PROFILE A20 RADIUS = 10MM Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A40R6 Ø80MM	Position	DS Item #
	1	33028688
	2	33028689
	3	33028690
	4	33028691
	5	33028692
	6	33028693
	7	33028694

PROFILE A30 RADIUS = 6MM Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A40 RADIUS = 20MM Ø100MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L80 SERIES

PROFILE AFR30 R6R3 RADIUS = 6MM CLOSED Ø80MM	Position	DS Item #
	1	33028271
	2	33028272
	3	33028273
	4	33028274
	5	Call us
	6	Call us
	7	Call us

PROFILE E20 B8 6X6 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE AFR30R15R4 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE E30 B8 8X8 Ø80MM	Position	DS Item #
	1	33028526
	2	33028527
	3	33028528
	4	33028529
	5	33028530
	6	33028531
	7	33028532

PROFILE AK2 30 RADIUS = 30MM Ø80MM	Position	DS Item #
	1	33028421
	2	33028422
	3	33028423
	4	33028424
	5	33028425
	6	33028426
	7	33028427

PROFILE E30B11.5H21.5 Ø80MM	Position	DS Item #
	1	33028764
	2	33028765
	3	33028766
	4	33028767
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L80 SERIES

PROFILE E30B20H13 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE T20 RADIUS = 3MM Ø80MM	Position	DS Item #
	1	33028462
	2	33028463
	3	33028464
	4	33028465
	5	33028411
	6	33028412
	7	33028413

PROFILE E40B8H35 Ø80MM	Position	DS Item #
	1	33028582
	2	33028583
	3	33028584
	4	33028585
	5	33028586
	6	33028587
	7	33028588

PROFILE T20R6 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE E40 B11.5 10X10 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	33028322
	6	33028323
	7	33028324

PROFILE T30 RADIUS = 3MM Ø80MM	Position	DS Item #
	1	33028401
	2	33028402
	3	33028403
	4	33028404
	5	33028405
	6	33028406
	7	33028407



CNC Tooling - Diamut

L80 SERIES

PROFILE T30 RADIUS = 6MM Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	33028408
	6	33028409
	7	33028410

PROFILE X30 33X26 Ø80MM	Position	DS Item #
	1	33028449
	2	33028450
	3	33028451
	4	33028452
	5	33028453
	6	33028454
	7	33028455

PROFILE T40R3 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE PROFILE Z20 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE X20 25X18 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z30 Ø80MM	Position	DS Item #
	1	33028316
	2	33028317
	3	33028318
	4	33028319
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L80 SERIES

PROFILE Z40 Ø80MM	Position	DS Item #
	1	33028542
	2	33028543
	3	33028544
	4	33028545
	5	33028547
	6	33028548
	7	33028549

PROFILE Z60 Ø80MM	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L60 SERIES

PROFILE A30 R10	Position	DS Item #
	1	33028362
	2	33028363
	3	33028364
	4	33028365
	5	33028366
	6	33028367
	7	33028368

PROFILE T30 R3	Position	DS Item #
	1	33028280
	2	33028281
	3	33028282
	4	33028283
	5	33028375
	6	33028376
	7	33028377

PROFILE E30 B6,5	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z30	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE T20 R3	Position	DS Item #
	1	33028171
	2	33028172
	3	33028173
	4	33028174
	5	33028411
	6	33028412
	7	33028413

PROFILE Z40	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L40 SERIES

PROFILE A20 R6	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE T20 R3	Position	DS Item #
	1	33028700
	2	33028701
	3	33028702
	4	33028703
	5	33028704
	6	33028705
	7	33028706

PROFILE A30 R6	Position	DS Item #
	1	33028348
	2	33028349
	3	33028350
	4	33028351
	5	Call us
	6	Call us
	7	Call us

PROFILE T30 R3	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE A40 R6	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE T30 R5	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L40 SERIES

PROFILE X30	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z30	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z40	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us



CNC Tooling - Diamut

L20 SERIES

PROFILE A36 R5	Position	DS Item #
	1	33028785
	2	33028786
	3	33028787
	4	33028788
	5	33028791
	6	33028790
	7	33028789

PROFILE T33 R3	Position	DS Item #
	1	33028414
	2	33028415
	3	33028416
	4	33028417
	5	33028418
	6	33028419
	7	33028420

PROFILE E36 B8	Position	DS Item #
	1	Call us
	2	Call us
	3	Call us
	4	Call us
	5	Call us
	6	Call us
	7	Call us

PROFILE Z45	Position	DS Item #
	1	33028633
	2	33028634
	3	33028635
	4	33028636
	5	Call us
	6	Call us
	7	Call us

PROFILE T23 R3	Position	DS Item #
	1	33028590
	2	33028591
	3	33028592
	4	33028593
	5	33028594
	6	33028595
	7	33028596



CNC Tool Redressing

CNC TOOL REDRESSING SERVICE

CNC Tool Redressing Service is provided on metal bond tooling. Redressing restores the geometry to profile wheels so they perform like new. Now you can have your Diamut CNC diamond tools redressed to the original shape at significant savings over new diamond wheels. Add value and life to your CNC profiles and maintain a better profile throughout the tools useful life.

FEATURES

- Restores to original shape
- Restores performance
- Extends life of your diamond wheels
- Removes lines in metal bond
- Extends life of your polishing wheels
- Save Money



BEFORE

AFTER

DIAMUT GRINDER REDRESSING SYSTEM

The deep knowledge of the world of tools processing led Diamut to design, implement and deliver the new Grinder to all those companies that want to carry out internally the resurfacing wheels process. Independently manage yourself the redressing of your tooling. Completely redesigned, the Diamut Grinder is easy to be used even on tools from other manufacturers; without deep technical knowledge, the tool returns to full efficiency in a few minutes. Grinder is equipped with a brand-new video system that allows the real-time matching of the tool profile.



Call us for more information.



Routers (Finger Bits)

Granite & Engineered Stone Routers

DIAMUT GOLD HYPER SPEED LINE

Twisted segments for low vibration. Formulated for ultra-fast cutting and long life.



DS Item #	Description
33028168	20x45
33028762	22x35

DIAMUT GREEN HYPER SPEED LINE

Formulated for very hard granites.



DS Item #	Description
33028162	20mm x 40mm
33028163	20mm x 45mm
33028740	22mm x 45mm

PROFAB TWIN TWISTER

8 twin segment design provides ultra-fast cutting.



DS Item #	Description
33012535	20x40



HIGH SPEED

6 segment with bottom segment.



DS Item #	Description
33012431	22mm x 40mm

Other cyclone routers available.

APEXX HIGH SPEED ORANGE



DS Item #	Description
33016490	23mm x 40mm 5 Segments
33016679	23mm x 50mm 5 Segments
33016680	25mm x 70mm 5 Segments
33016491	20mm x40 mm 6 Segments



Routers (Finger Bits)

Ultra Compact Materials and Porcelains Routers

DIAMUT DEKTON



DS Item #	Description
33029012	22x45
33029013	20x45

italdiamant DEKTON



DS Item #	Description
33012450	3301245

DIAMUT LAPITEC

Formulated specifically for Lapitec.



DS Item #	Description
33028761	22x35 Lapitec

Marble, Soapstone, Limestone & Soft Stone Router

PROFAB VACUUM BRAZED

DS Item #	Description
33026382	16mm x 50mm
33026327	20mm x 40mm
33026335	20mm x 50mm



Larger 1/2" gas vacuum brazed drum wheel available in section 4 Profiles, Edging and Drums.



Seam, Breakers & Stubbing Wheels

DIAMUT POWER EDGE V

Latest Hyper Speed Technology and Pattern. Use for high speed stock removal. Scribe a backslash faster than a traditional finger bit.



DS Item #	Description
33028773	Z35 HS V 80x35 POS.1 Segmented
33028774	Z35 HS V 80x35 POS.2 Segmented
33028775	Z45 HS V 80x35 POS.1 Segmented
33028776	Z45 HS V 80x35 POS.2 Segmented

Sintered seam wheels (non-segmented) available in various diameter – See Z Profile in profile section.

DIAMUT HYPER SPEED BREAKER

Hyper Speed Diamond Technology. Made to break off corners before using ogee, large bevel, demi-bull, bullnose CNC profiles to prolong profile tool life.

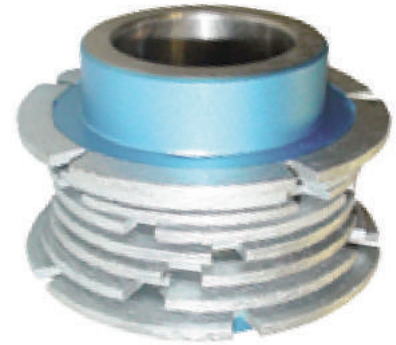


Single Breaker shown

DS Item #	Description
33028284	30MM Single Breaker, 120x35, For 30mm profile
33028589	40MM Single Breaker, 120x35, For 30 & 40mm profiles
33028285	40MM Double Breaker, 120x35, For 30 & 40mm profiles

FRANGISTONE PRE-CUTTING TECHNOLOGY

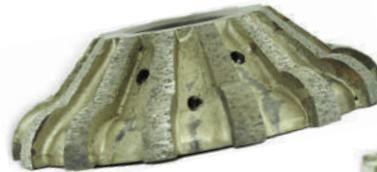
Its diamond elements are only 2mm height to get maximum cutting speed. They are interchangeable elements on all profiles. It can be used before any other CNC tooling manufacturer's wheel. Standard bore of 35mm.



DS Item #	Description
Call us	Frangistone Pre-Cutting Technology

DIAMUT CNC MITER/V-GROOVING SOLUTION

Provides interlocking mechanism for mitering stone at 90 degree, will not move during glueing process. Uses 2 part lock system (Miter A and Miter B). Available for 20mm or 30mm stone.



Miter B



Miter A

DS Item #	Slab	Part	Position	Size
33028511	20mm	B MITER	2	120x35
33028510	20mm	B MITER	1	120x35
33028509	20mm	A MITER	2	120x35
33028508	20mm	A MITER	1	120x35
33028459	30mm	B MITER	2	120x35
33028458	30mm	B MITER	1	120x35
33028457	30mm	A MITER	2	120x35
33028456	30mm	A MITER	1	120x35



Seam, Breakers & Stubbing Wheels

DIAMUT HEAVY DUTY STUBBING/CALIBRATING WHEEL

Hyper Speed Technology. Used for calibrating or gauging slabs before running edge profiles, thinning slabs, drain boards, etc.



DS Item #	Diameter
33028817	56 mm
33028397	90 mm
33028760	150 mm

STUBBING/CALIBRATING WHEEL ADAPTERS

Hyper Speed Technology. Used for calibrating or gauging slabs before running edge profiles, thinning slabs, drain boards, etc.



35mm Type



1/2" gas type

DS Item #	Wheel Size	Holder Type	Threads
33028818	50-60mm	35mm	Regular Thread
33028469	80-150mm	35mm	Regular Thread
33028429	80-100mm	1/2" GAS	Regular Thread
33028836	80-100mm	1/2" GAS	Regular Thread

SCREWS FOR ADAPTERS

DS Item #	Description
33028480	Inox Screws for Calibrating Holder Wheel

DIAMUT DRAIN BOARD SYSTEM

Complete system for polishing drain board system from Diamut with 45 degree edges. Includes adapters, diamonds and polishers. Call for individual parts.



DS Item #	Description
33028256	KIT FOR DRAINBOARD FABRICATION

DIAMUT FLUTING

For water grooves or flutting. All 1/2" gas adapter.



DS Item #	Diameter	Radius	Position
33028575	10	5	POS1
33028576	10	5	POS2
33028577	10	5	POS3
33028597	12	6	POS1
33028598	12	6	POS2
33028599	12	6	POS3
33028737	14	7	POS1
33028738	14	7	POS2
33028739	14	7	POS3



Core Bits

DIAMUT HYPER SPEED SEGMENTED THIN WALL



DS Item #	Description
34012598	1-1/2" (38mm)
34012596	1" (25mm)
34012590	1 3/8" (35mm)
34012594	1-1/4" (32mm)
34012606	1" (25.4mm)
34012607	REVERSE THREAD (35mm)

DIAMUT CONTINUOUS THINWALL



DS Item #	Description
34012590	35mm
34012592	38mm

DIAMUT THICK SEGMENT MARBLE AND GRANITE



DS Item #	Description
34012605	1-3/8" (35mm)

marmoelettromeccanica HIGH SPEED



DS Item #	Hole Size
53120718	20mm (3/4" Approx.)
53120714	30mm (1 3/16")
53120715	32mm (1 1/4")
53120717	38mm (1 1/2")

More sizes available.

italdiamant DEKTON



DS Item #	Hole Size
34012510	35mm (1 3/8")

DIAMUT DEKTON



DS Item #	Hole Size
34012593	35mm (1 3/8")



Core Bits

DIAMUT BLIND HOLE (NON-CORING)

DS Item #	Description
34012599	7/8" (22.2mm)
34012541	1/2" (12mm)
34012540	3/8" (10mm)
Call us	5/64 (8mm)
Call us	1/4" (6mm)

More sizes available.



DIAMUT ENGRAVING BIT

Made of High Quality PCD with 10mm Shank for engraving with CNC.

DS Item #	Description
33028647	60 degree
33028428	90 degree
33028637	1/2" Gas Holder for 10mm Shank Engraving Bit

DS TECH TIP

For blind hole core bit (non-coring) use on a CNC, consider using a 1/2" gas adapter to 5/8-11 to use regular corebit that are less expensive and provide identical results.



DS Item #	Description
39916540	1/2" Gas Male to 5/8"-11 Male adapter

See Section 4 Diamond Products for full 5/8-11 core bit selection.



Tool Holders



TOOL HOLDERS

Highest quality tool holders on the market. 100% made in Italy. Made of stainless steel. Patented external surface treatment.



POPULAR TOOLS HOLDERS

Machine	Type	1/2" GAS	35mm x 32mm	35mm x 34mm	35mm x 39mm	35mm x 47mm	22mm x 34mm	22mm x 39mm	22mm x 47mm
BAVELLONI	ISO40	33026587 (L=25mm) 33026084 (L=50mm)			33026586			33026454	33026215
BIMATECH	ISO40	33026452			33026453				
BREMBANA NEW VERSION	ISO40	33026086			33026159	33026483	33013301	33013300	33013302
BREMBANA OLD VERSION	ISO40	33026088	33026298		33026139				
INTERMAC	ISO40	33026213		33026085	33026323	33026087	33026199		33026148
MARMO ROBOTOP	ISO40					33026577			
PRUSSIANI NEW TYPE	ISO40	33026585							
RAVELLI	ISO40	33026427							
BRETON	HSK	33026424	33026336			33026426			



PULL STUDS

High quality replacement pull studs. 100% made in Italy.

ISO 40 TOOL HOLDER

Ds Item #	Machine (Version)	IMS #
33026530	BAVELLONI	MVBA900
33026212	BIMATECH	MVBM900
33026589	BREMBANA OLD & NEW VERSION	MVBR900
<i>Call us</i>	BRETON (ISO 40)	MVBT900
33025315	COBALM	MVVE900
33025315	DENVER	MVVE900
33026023	INTERMAC / PEDRINI	MVIN900
33025315	NOAT	MVVE900
<i>Call us because multiple generations</i>	NORTHWOOD	N/A
33025315	LOFLER	MVVE900
<i>Call us because multiple generations</i>	OMAG	N/A
<i>Call us because multiple generations</i>	PARK (NEW)	N/A
33025315	PARK (OLD VERSION)	MVVE900
33026530	PRUSSIANI (NEW VERSION)	MVBA900
<i>Call us</i>	RAVELLI	MVRA900
33026484	THIBAUT (NEW VERSION)	MVTH900
33025315	THIBAUT (OLD VERSION)	MVVE900



More pull studs available, please call.

Other IMS Tool Holder parts and accessories available, call us.



Tool Holders



LOCKING KIT

Replacement kit made up of 2 spacer rings, 1 locking washer, 1 stainless steel or zinc-coated locking screw.



KITS

DS Item #	IMS #	Diameter
33026490	M200	22mm
33026491	M210	35mm

WASHER/SPACER ONLY

DS Item #	Diameter
33026489	22mm
33026250	35mm

TOOL HOLDER CARTS

Protect your tool holders by storing them in a high quality tool cart. For ISO40 Tool holders.

DS Item #	Description	Capacity	Levels
60012001	TOOLSCOOT	48 TOOLS	2
60012002	TRISCOOT	72 TOOLS	3

Other models and shelves only available.

REPLACEMENT PART

DS Item #	Description
60012005	RING INSERTS FOR ISO40 TAPER



SECTION 5. CNC & CNC TOOLING

#JoinTheDarkside

Low maintenance & cost-effective

DARKSIDE LINE

NEW



Improved Performance
Extended Life
No Chipping
No Foiling
Rust-free

Ask your Derusha Rep today!



5.35



Suction Cups

Square & Rectangular Suction Cups



NEW 500 Series Suction Cups - Perfect for Countertop Fabrication!



Round Suction Cups



Shaped Suction Cups



Due to large number of suction cup sizes and heights, please call us.



Suction Cups

Specialty Suction Cups



75mm Core Drill Support
P/N: 28-075-01



Vertical Holding Cup
P/N: 12-400-10



Retractable Cup
P/N: 12-200-02



Swivel Cup
P/N: 12-500-02

Clamps



Small Edge Clamp
P/N: 13-300-02



Large Edge Clamp
P/N: 13-300-01



Strip Clamp Set
(Includes Small Edge Clamp)
P/N: 13-300-12



Single Mechanical Clamp
P/N: 13-102-01



Large Mechanical Clamp
P/N: 13-102-04



Pneumatic Swing Clamp
P/N: 13-101-01



Pneumatic Mushroom Clamp
P/N: 13-103-01



Pneumatic Mushroom
Clamp - Brembana Styke
P/N: 13-103-02



Back Splash
Clamp System
P/N: Call for Info.

Location Devices



Pin - Stop
26mm Diameter
31mm Diameter
35mm Diameter
50mm Diameter
P/N: Call for Info.



Edge Stop
P/N: 11-401-01



Vac - Stop
P/N: 11-101-01



Brembana Stop
P/N: 11-601-01

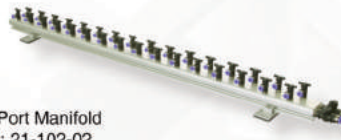


Flip Stop
P/N: Call for Info.

Manifolds



8 - Port Manifold
P/N: 21-102-02



16 - Port Manifold
P/N: 21-102-01



Portable Manifold
P/N: 21-103-01

Accessories



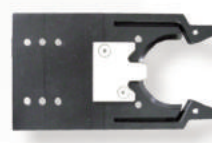
Tubing



Seals



Valves / Fittings



Tool Forks



Leatherhead



Leatherhead Mini

Due to large number of suction cup sizes and heights, please call us.



Suction Cups

BROKEN SUCTION CUP OR VAC-STOP? NO PROBLEM!

We offer a repair service with Blick to get your suction cups repaired and working like new ones.

We also stock top seals, bottom seals and fittings for Blick products.



BEFORE

AFTER

VACUUM AIR TUBING

Replacement tubing for vacuum lines from manifold to suction cups.



6MM

DS Item #	OD	Lenght	Color
61012102	6mm	20M	BLACK
61012101	6mm	20M	BLUE
61012103	6mm	20M	RED
61012100	6mm	20M	WHITE

10MM

DS Item #	OD	Lenght	Color
61012056	10mm	20M	WHITE
61012055	10mm	20M	BLACK

8MM

DS Item #	OD	Length	Color
61012052	8mm	2M	BLACK
61012046	8mm	100'	BLACK
61012051	8mm	2M	BLUE
61012047	8mm	100'	BLUE
61012037	8mm	100'	BLUE/BLACK BONDED
61012050	8mm	2M	RED
61012114	8mm	100'	RED
61012139	8mm	100'	RED/BLUE BONDED
61012053	8mm	2M	WHITE
61012048	8mm	100'	WHITE
61012054	8mm	2M	YELLOW
61012039	8mm	100'	YELLOW
61012038	8mm	100'	YELLOW/WHITE BONDED

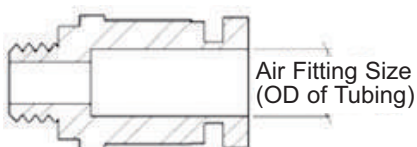
BLICK TOP & BOTTOM SEALS

DS Item #	Description
61012088	BLICK TOP SEAL CUP 50' ROLL
61012089	BLICK BOTTOM SEAL 50' ROLL

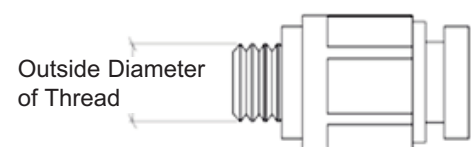


DS TECH TIP

To identify the correct model of a fitting that you are trying to replace, you will need to measure the ID of any tube connections and the OD of any threaded connections. The tube sizes are as they measure in millimeters while the thread size will be in inches and must be converted using the table below.



1/8" BSPP = 0.383"
1/4" BSPP = 0.518"
3/8" BSPP = 0.656"
1/2" BSPP = 0.825"





Parts & Accessories

Petal Collets



PETAL COLLETS

DS Item #	IMS #	Description	Machine Compatibility
33026579	SSKA40DIN	MALE PETAL COLLET	CMS BREMBANA
33026584	SSKIGKA40DIN	FEMALE PETAL COLLET	CMS BREMBANA

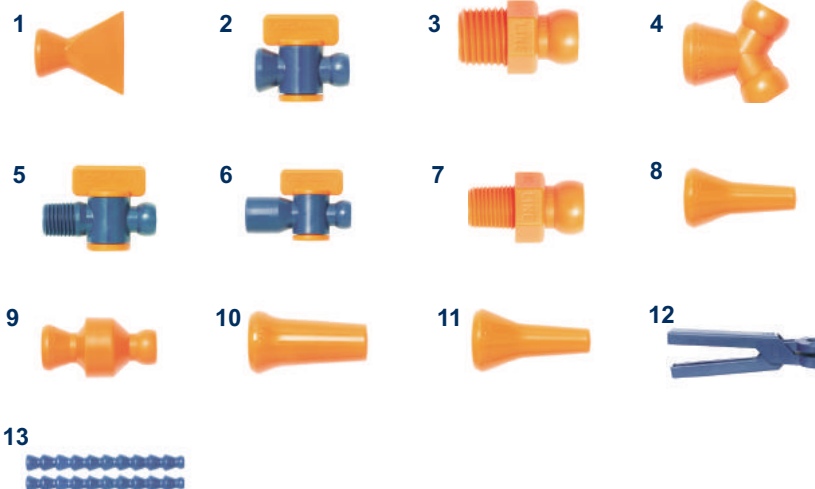
Other IMS petal collets available.



LOC-LINE® System

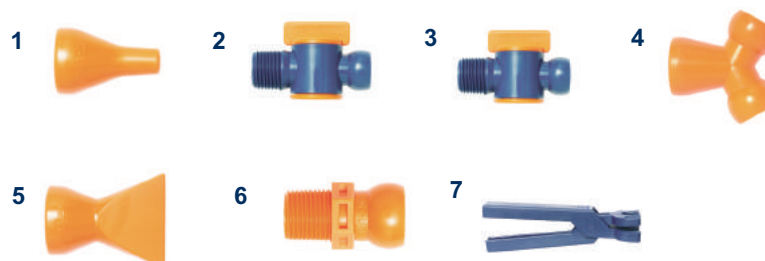
1/4" SYSTEM

#	DS Item #	System	Loc-Line #
1	29916117	1/4	41407
2	29916122	1/4	21194
3	29916116	1/4	41406
4	13011328	1/4	41408
5	29916120	1/4	41403
6	29916121	1/4	21193
7	29916115	1/4	41405
8	13011180	1/4	41403
9	13011325	1/4	21191
10	13011324	1/4	41404
11	13011180	1/4	41408
12	13011333	1/4	78001
13	29916240	1/4	41401



1/2" SYSTEM

#	DS Item #	System	Loc-Line #
1	13011425	1/2	51806
2	29916118	1/2	32091
3	29916119	1/2	32092
4	13011330	1/2	51808
5	13011329	1/2	51807
6	13011332	1/2	51804
7	13011334	1/2	78002





Parts & Accessories

Tool Forks

INTERMAC FORKS

DS Item #	Description
33028245	TOOL FORK INTERMAC TWIN
33028246	TOOL FORK INTERMAC MASTER 3X/4X



REPLACEMENT FORKS

DS Item #	Description
33028247	TOOL FORK BIMATECH
33027299	TOOL FORK FOR INTERMAC MASTER 30 ISO 40
33027308	TOOL FORK FOR INTERMAC MASTER 3X/4X ISO
33027309	TOOL FORK FOR THIBAUT 858



Other IMS tool forks available.

Intermac Parts

MANIFOLD & MANIFOLD PARTS

DS Item #	Description
61012091	8mm Vacuum Green Fittings Right ANG
61012106	Yellow Mini Ball Valve 1/8" BSP
61012107	White Mini Ball Valve 1/8" BSP
61012109	Black Mini Ball Valve 1/8" BSP
61012110	Blue Mini Ball Valve 1/8" BSP
61012111	Red Mini Ball Valve 1/8" BSP
61012140	Left Manifold for Intermac
61012141	Right Manifold for Intermac

Other manifold components available.

INTERMAC VACUUM PUMPS

DS Item #	Description
25020335	Vacuum Pump for Intermac Master 33
25020351	Vacuum Pump for Intermac Master 43

OTHER COMMON REPLACEMENT COMPONENTS

DS Item #	Description
25020342	Intermac Sensor on Rotary Tool Changer Door
29916630	Intermac Loc-Line Spindle Kit

INTERMAC FILTERS

DS Item #	Description	Intermac Part #
25020324	Water Filter 10microns for Intermac	2422A0135
25020336	Water Filters 5microns for Twin 43Intermac	2422A0136
25020328	Oil Removal Filter Main Air Regulator Green Intermac	2422A0204
25020329	Drying Air Filter Main Regulator Intermac	2422A0224
25020330	Low Air Pressure Filter Regulator Spindle Intermac	2422A0209
25020341	Small Green Air Regulator Filter for Intermac	2422A0205
25020434	3" Water Filter Cimberio for Intermac	2422A0168

INTERMAC VACUUM PIN-STOP

DS Item #	Description
61012015	Intermac Pneumatic Vac Back Stop Complete
61012085	Intermac Vac-Stop Seal Kit
61012021	Intermac Pneumatic Vacuum Back Stop Piston Assembly
61012079	Intermac Vac Stop Bottom Seal
61012080	Blick Vac Stop Replacement 26mm Disc

We know Intermacs – Call us!



Water Treatment

Water Treatment Systems

6.2

Dehydrator

6.4



SECTION 6. WATER TREATMENT



Water Treatment Systems

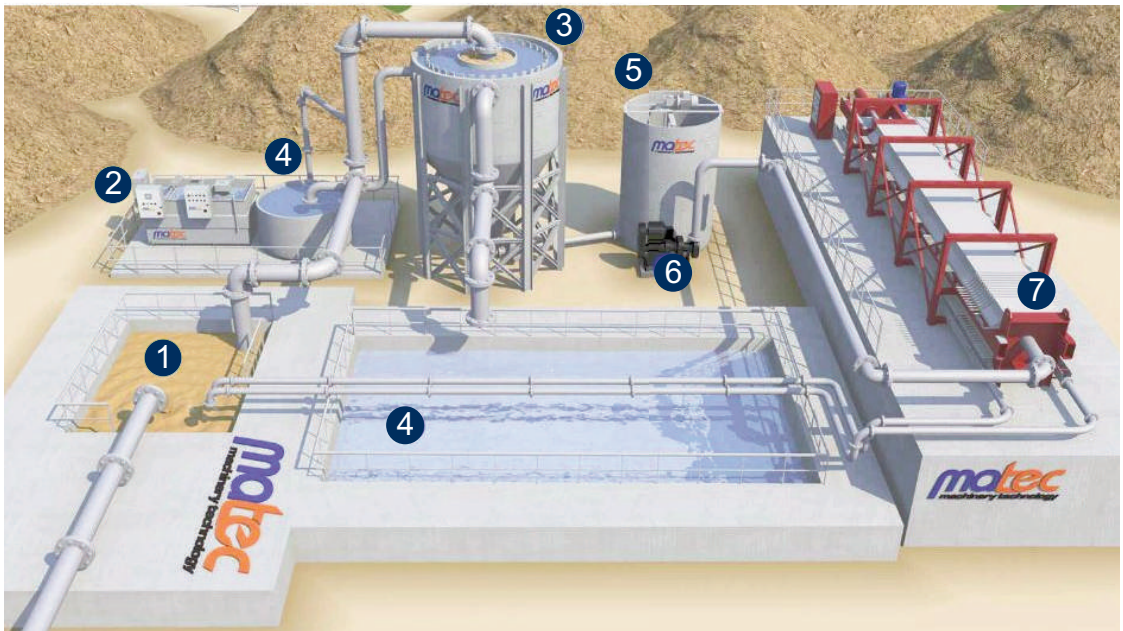
matec® WATER TREATMENT SYSTEM

In marble, granite and stone working, either in quarries, workshops or stone processing factories, water has multiple applications. From cutting to polishing, water is necessary to avoid the over-heating of tools and reduce dust produced in various processes.

Then, water needs to be treated in order to be re-used in the closed production cycle or to be discharged in the environment safely. Matec America filter press is perfect to produce dry cakes with a 15% residual moisture and recover 99% of water, occupying the minimum amount of space.

PLANT DESCRIPTION

- 1 Dirty Water Pit
- 2 Bifloc Flocculant station
- 3 Deep Cone Thickener
- 4 Clean Water Pit/Tank
- 5 Bifang Homogenizer Tank
- 6 HPT Pump
- 7 TT2 Fast Terrea Filter Press 1500x2000/200 plates



WATER TREATMENT PROCESS

- The water from washing is collected into the dirty water tank 1
- The submersible pump sends the dirty water in the deep cone vertical thickener 3
- Flocculant prepared by the Bifloc 2 is injected in the dirty water pipe, before entering the vertical thickener 3
- Inside the thickener 3, the decantation process takes place.
- Purified water overflows from the top of the thickener 3 and ends into the clean water collecting pit/tank 4
- Residual mud is sent into the Bifang homogenizer tank 5
- The filter press 7 closes and the HTP pump 6 sends the mud into it.
- The New TT2 Fast opens the filter press 7 in sections and the dry cakes are discharged.



Water Treatment Systems

matec® WATER TREATMENT SYSTEM

Water filtration systems come in various sizes, from small start up plants, to major facilities. Check your water usage for each piece of equipment that you have and give us a call. We will be glad to quote a water filtration system for you.





Dehydrator

ABACO DEHYDRATOR

Abaco Dehydrator system is for fast collection and trapping of the abrasive mud produced by the machining and finishing of marble, granite and other stone. The Abaco dehydrator is an economical, one step method in separating and dewatering sludge treatment, water sludge and slurries. The dehydrator is constructed of stainless steel and consists of four basic components: pump, mud holding tank, clean water tray and filter bags. The Abaco dehydrator has no moving parts, requires minimal labor, is very economical to use and because it is made of stainless steel has extremely low maintenance.

Included:

- 4 Plastic Curtains
- 2 Stainless Steel Curtain Rods
- 1.5m Industrial Water Hose
- 3 Industrial Hose Clamps
- 20 Polypropylene Bags
- 1 Pit Cleaning Tool/Air Stick
- 1 Solid Rubber Drain Plug

**Economical
sludge solution**

Specifications:

- Power : 230V 60Hz (240V, 50Hz)
- Weekly Output : 22 cu. ft.
- Holding Tank Capacity : 550 liters
- Sump Pump : 6E-CIA-SFS-189 Imp or equal
- Float Switch : Piggy Back Mechanical Float Switch
- Bag Dimension : 350 dia. X 1200
- Flange for bag : 350 dia. Aluminum
- Fasteners : Stainless Steel
- Valves : 2" BSP Brass Nickel Plated
- 89 3/8" L x 23 5/8" W x 86 5/8" H
- Net Weight : 617 lbs



DS Item #	Description
25014484	Abaco Dehydrator

Replacement parts

DS Item #	Description
25014589	BAGS FOR ABACO STAINLESS DEHYDRATOR
24014724	ABACO SLUDGE PUMP FOR DEHYDRATOR
25014223	RUBBER STRAPS FOR DEHYDRATOR (SET OF 5)
25014594	SET OF 5 COLLETS & ELASTIC FOR DEHYDRATOR BAGS



Dust Collectors & Fume Exhausters

Cartridge Type 7.2

Bag Type 7.4

Cabinet & Suction Wall Type 7.5

Portable Dust Collection System 7.6

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Cartridge Filters 7.8





Cartridge Type

MAXIFLO

Stand Alone Pleated Cartridge Dust Collector.

Description:

- MAXIFLO-MC downflow cartridge dust collector.
- Pulse cleaning of the cartridges with compressed air
- Body and hopper made of 10 and 12 ga steel with reinforcement when required.
- Supporting structure.
- Polyurethane finish.
- 1, 2 or 3 service doors for service to the cartridges.
- Floor support base



DS Item #	Model	# of Cartridges	Filtration Surface SQ.FT. / SQ.MT.	Max. Air Volume CFM / LS	Max. HP / KW	Motor RPM	Weight Lb / Kg	Air Pressure Required (Pulse Cleaning)
Call us	DMC-01	1	260 / 24	600 / 285	1.50 / 1.10	1750 / 3500 (as per static pressure required)	870 / 370	60-80 PSI
Call us	DMC-02	2	520 / 48	1450 / 685	1.5-2.00 / 1.10-1.5		1080 / 490	
Call us	DMC-03	3	780 / 72	2200 / 1040	3.00-5.00 / 2.25-3.75		1210 / 550	

DS TECH TIP

HOW TO DETERMINE THE CFM REQUIRED?

For a blast room application, we must determine the room volume. Measure inside room and multiply length X width X height to calculate volume. (Example: 12 ft long X 6 ft wide X 8 feet high inside = 576 cubic feet.) The recommended air changes per minutes for such an application are between 4 and 5. Using the previous example, a room of this size would require between 2400 to 3000 CFM capacity dust collectors. Call us to discuss your application and possible solutions.



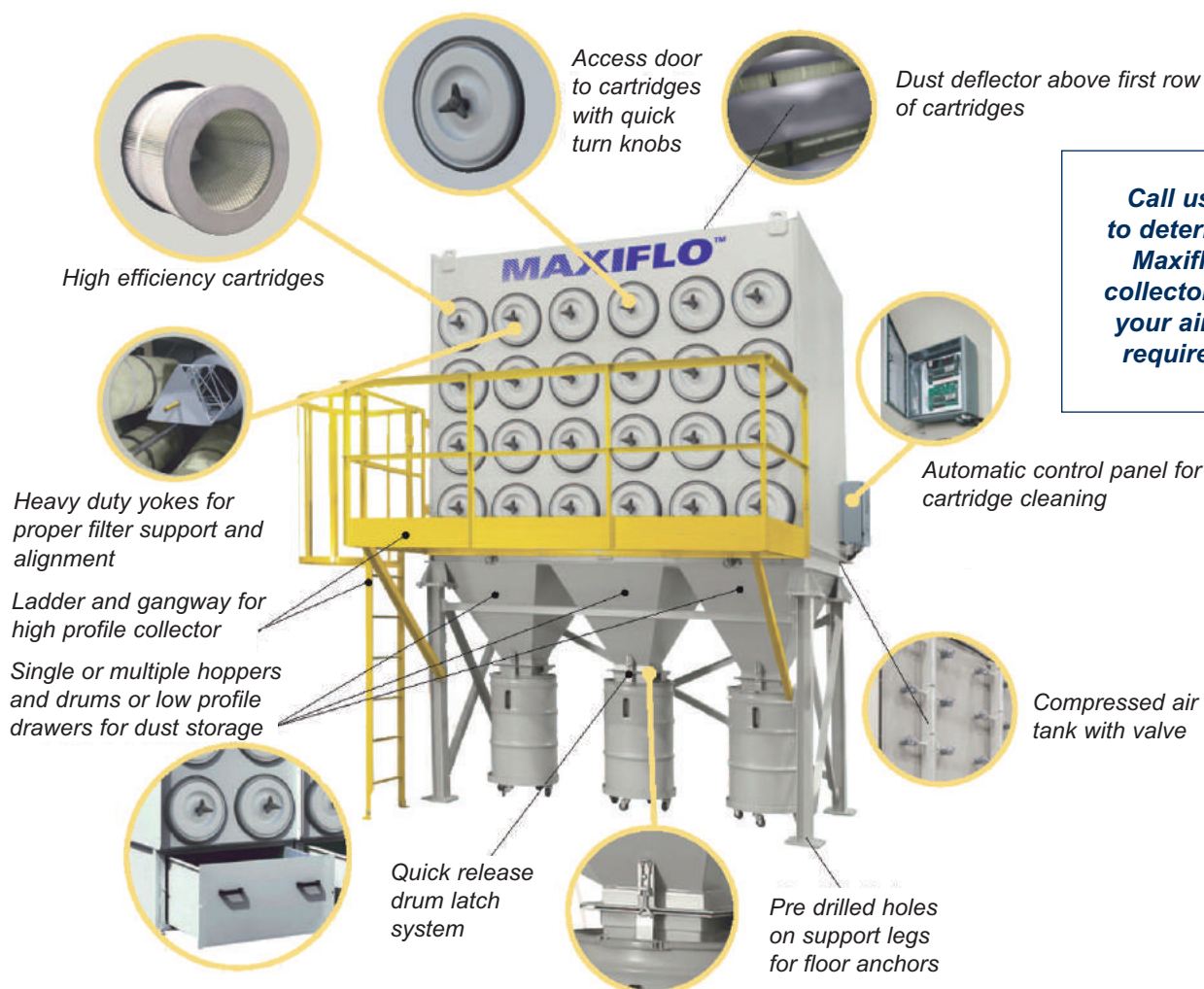
Cartridge Type

MAXIFLO MODULAR DUST COLLECTORS

The MAXIFLO dust collector is a horizontal down flow type dust collector. Dust-laden air is drawn into the collector by means of a fan. Particles swirl evenly around the horizontally positioned pleated cartridges and are progressively filtered from the outside of the cartridge returning clean air into the facility. Maintenance is greatly reduced since the electronic control panel sends a cascading signal to air valves pulsing compressed air from the inside of the cartridges toward the outside while the unit is in service. This shockwave dislodges dirt and dust from the cartridge surface so it can be collected in the dust storage systems.

The unique design and manufacturing of AQC equipment generates significant savings:

- Substantial increase in the duration of filters
- Lower energy consumption during years of use
- Significantly less maintenance (easy to clean, robust manufacturing, a minimum number of more reliable and durable parts)
- Reduced operation costs (less frequent overhauls, lack of or minimum down time, etc.)
- Lower administrative costs (coordination, follow-ups, supervision) due to much less frequent breakdowns
- Safe design can prevent serious or even fatal accidents
- Increased comfort and productivity of personnel
- Manufactured in Canada



Call us today to determine the Maxiflo dust collector to meet your air quality requirements.



Bag Type

AGET DUST COLLECTOR

The FT40 is designed to capture dust particles as small as 0.3 microns using cotton sateen cloth filter tubes as the filter media. Equipped with top mounted Exhausters which pull contaminated air to the filter tubes, releasing clean air into the work area, where permitted, or into the atmosphere. They are completely weatherproofed for outdoor applications, when equipped with vent cover. Electrically operated, manually controlled shakers are standard on the FT 40S.

The pull through exhauster and after-filter combinations are shipped completely assembled (stands are separate) to save installation time and transport costs.



Standard Features:

- 40 filter tubes (bags)
- 400 square feet filter area
- Motorized shaker for filter tubes (bags)
- Includes fan
- Includes enclosure for protection against elements
- Weight: 1480 lb



FT40 SERIES

DS Item #	Model	HP	CFM
12013312	FT40S51-D1	5	2200
12013313	FT40S71-D1	7.5	3200
12013311	FT64S101-D1	10	5000

Other size & configurations available.

REPLACEMENT PARTS

DS Item #	Description
12013346	Filter bag for FT40 dust collector
12013332	Drum 45 gal. for FT40

FT40 with enclosure shown. Drum sold separately.



Cabinet & Suction Wall Type

GHINES smart machines **SUCTION BENCH WITH TWOFOLD DRY DUST EXHAUSTION**

XEOLOS walls and XAERO benches can be used alone or in sequence with other suction walls and benches, according to the extent of the work stations needed.

How it works

Integrates two different filtration systems both totally dry operating:

- Cyclones guaranteeing pre-exhaustion of the extracted dust.
- Dry "F8" class filters assuring total exhaustion of the dust.

Features :

- Strong jets of compressed air, cleaning automatically and/or manually the filters.
- Drawer collecting the dust, exhausted by cyclones and filters, is easily accessible and allows to do the maintenance in a few minutes.



GHINES smart machines **SUCTION WALLAND BENCH WITH WATER DEPURATION**

The solid and sturdy metallic structures treated with epoxy varnishes, together with the galvanization of inside tanks and of drop separators, guarantee low sound and extra long exploitation of your investment. Thanks to innovative technologies, GHINES products do not have pumps, filters or mechanical moving parts, reducing maintenance to a minimum and assuring long operation with no troubles.

How it works

A strong aspiration captures the dust inside the machines, where it joins the atomized drops. Thanks to the metallic separators with lamellar structure, dust merges with water plunging to the bottom of the internal tank, from which it is expelled thanks to the continuous outlet water flow.

Features :

- Electrovalve for automatic control of water inlet
- Galvanized collect tank
- Filtering system: mechanical drop separator
- Exhaustion: 98% of the aspired dust
- Water requirement: flow in rate 3 liters/min, pressure 2 bar





Portable Dust Collection System

MAXI PORTABLE DUST COLLECTOR

The portable, practical and multipurpose (welding, sanding, dust collection.). Maxiroll is designed to serve several workstations quickly and efficiently, which makes it an economical filtration and pollution control unit. Available in single arm (Maxiroll) and dual arm (Maxicart) models. Both Maxiroll and Maxicart units are easily moved to the desired location with the help of swivel casters and push handles. Cartridge cleaning is a snap. Simply push the palm button to discharge the compressed air from the integrated tank. Both units have large dust trays at the bottom and emptied when needed. Backward inclined fans deliver great air volume while the foam insulated steel cabin ensures quiet running. Maxair arms are offered with the units or they can also be hard piped to a fume hood or other remote source capture device.

Includes a highly advanced system with three filtration stages:

- 99.9% efficient main filter cartridge
- Safe spark trap aluminum filter
- Charcoal after filter

Maxi carts standard features include:

- Self-cleaning system by manually activated air pulse.
- Easy maintenance (no tools required).
- Very low noise levels due to the insulated construction.
- Equipped with a highly efficient and easy-to-operate Maxair fume arm
- Its compact design enables it to go through any standard doorway.
- Durable construction in robust steel.



Maxiroll



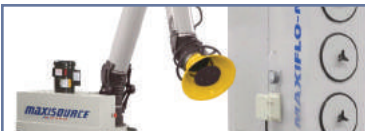
Maxicart



Easy access to filter

DS Item #	Description	CFM	MAX DUST
12210490	MAXIROLL PORTABLE	650	1 ARM
12210491	MAXICART PORTABLE	1500	2 ARMS

Call us to discuss your specific application!



Fume & Dust Suction Arms

MAXAIR EXHAUST DUST AND FUME ARMS

Maxair dust extraction for fast, easy and economical long-term air control!

Features:

- Maxair fume arms are built to reduce to a minimum the presence of industrial indoor air particles.
- Maxair fume arms are ideal for a whole range of capture applications: dust, smoke, steam and welding.
- Highly functional design facilitates fume arm handling and ease of movement.
- All supports and articulation joints are outside of the fume arm. The inside is smooth, without any obstacles that could reduce airflow, accumulate deposits and increase internal friction, which consume energy unnecessarily.
- External supports and articulation joints are readily accessible, easy to adjust and require no maintenance.
- Air diverter in hood significantly increases dust and smoke capture velocity.
- The unique design of the robust and durable central pivot made of steel makes 360° rotation easy.
- Fan and mounting brackets not included.



Call us to discuss your specific application!

MAXIDRIVE FANS

High quality fans specifically designed for use with the Maxair arm. 1, 2, 3 hp fan motors available to meet your dust collection requirement available in most common voltage.

Features:

- Inlet cone for maximum vacuum
- Interior or exterior installation
- Rugged painted steel construction
- Multi purpose for source capture
- Aluminum backward inclined impeller with steel housing for spark-proof design



ARM AND FANS SUPPORT BRACKETS

Maxair brackets are designed and built to support arm only or arm/fan combinations. For wall or ceiling mount. Call us to discuss your requirements.



Cartridge Filters

REPLACEMENT DUST CARTRIDGES

We offer state-of-the-art Nanofiber Technology cartridge filters as well as conventional polyester cartridge filters to retrofit competitive dust collectors.

Nanofiber Technology cartridge filters

Provides unequalled surface loading capabilities with nano sized interfiber pores. Dust particles easily pulse off the surface layer, keeping the media clean. Other types of cartridge filters enable particulate to become embedded deep within the media substrate. These depth-loading filters require intensive cleaning and are subject to continual abrasion and wear. Although cellulose filters use a melt blown surface treatment to capture particles on the surface, they also form a layer approximately 100 times thicker than nanofiber filters do. This creates very deep and wide pores that allow particles to penetrate deep within the media substrate, similar to other depth-loading cartridge filters.

Nanofiber Filter Features :

- Best in class MERV 15 efficiency on sub micron particulate.
- Lower initial & operating pressure drop.
- Reduction in cleaning cycles, prolongs filter life.
- Compressed air and energy savings.
- Reduced outlet emissions.
- Reduced downtime.

Call us to discuss replacing your cartridge filter today as part of regular maintenance plan.

DS TECH TIP

Workers involved in manufacturing of stone products, such as countertops or monuments, are at risk for significant crystalline silica exposure. Crystalline silica commonly occurs in nature as the mineral quartz, and is found in granite, sandstone, quartzite, various other rocks. Workers who inhale very small crystalline silica particles are at risk for silicosis – an incurable, progressively disabling and sometimes fatal lung disease. Silicosis results in permanent lung damage. Silica dust particles become trapped in lung tissue, causing inflammation and scarring and reducing the lungs' ability to take in oxygen. In most cases, the health and financial impacts of worker exposure are often felt years after the worker has retired or left the company.

Stone	Average % Silica
Engineered stone	≥93
Quartzite	95

Stone	Average % Silica
Sandstone	60
Granite	10-45

Stone	Average % Silica
Slate	Varies
Soapstone	Varies

Sources: Silica Hazards from Engineered Stone Countertops, NIOSH Science Blog, March 2014; ASTM C616, Standard Specification for Quartz-Based Dimension Stone; American Geological Institute, Dictionary of Geological Terms

These exposures come from dry cutting, grinding, edging, and may occur in shop environments as well as on job sites where finishing work is completed. Workers performing other tasks in areas close to where silica dust-generating operations occur may also be exposed.

Worker safety boards across North America recommend the following techniques where workers can inhale silica-containing dust:

- Using wet cutting, grinding and polishing to reduce crystalline silica from getting airborne.
- Using water spray to regularly wet floors.
- Using local exhaust ventilation (LEV), in other words, capturing the dust at the source and capturing in a dust collector.
- Using appropriate personal respiratory equipment.

Call us today to discuss how we can help protect the health of you team!



Air Compressors & Dryers

Portable Compressors 8.2

Stationary Compressors 8.5

Dryers 8.9

Receiver Tanks 8.11

Filters 8.12

Oil / Water Separator 8.14





Portable Compressors

SC70 XAIR

The light and compact size of the XAIR gas compressors, along with the retractable handle and pneumatic tires makes them manually transportable by one person.

- Oil Injected Rotary Screw, resulting in extremely durable, efficient and high performance air.
- Monitair System provides very fast throttle response for power on demand leaving engine idle until power is required, making it very economical.
- Air flow and pressure are constant and continuous, no need for air tank.
- Removable gas tank to ease transport and refill.
- Honda V-Twin OHV engine for low noise & vibration, fuel efficiency, durability and outstanding reliability.
- Weight: 298lbs / 135kg
- Dimensions: 34L x 26W x 23H in.
- 70 CFM

Tried & Proven
over 80 Derusha Supply
satisfied customers!



We stock common maintenance parts (oil filter, air filter, etc.)
Call us to discuss parts required.

DS Item #

25014855

REPLACEMENT FILTERS FOR SC70 XAIR

DS Item #	Description
25014903	SC70 Air Filter
25014904	SC70 Air Filter Separator
25014905	SC70 Air Filter for Honda Motor
25014906	SC70 Square Air Filter for Honda Motor
25014134	SC70 Round Air Filter for Honda Motor
25015037	SC70 Fuel Air Filter for Honda Motor

REPLACEMENT PARTS FOR SC70 XAIR

DS Item #	Description
25014924	SC70 Drive Belt
25014987	SC70 Tire & Steel Rim
25015036	SC70 Battery (Acid-Less)
25015234	SC70 Pressure Gauge
25014133	SC70 Wheel Shaft
25014117	SC70 Oil Plug with Gasket for Honda Motor



Portable Compressors

SC90D XAIR

The SC90D Air Compressor is the most compact compressor in its class. It is ideal for portable sandblasting.

- Automatic shutdowns
- Automatic compressor control
- Automatic blowdown valve
- Control panel gauges for temperature, oil pressure & voltage
- Hinged hood with 2 gas springs
- Transparent fuel tank
- Kubota diesel engine for low noise, durability and reliability.
- Weight (skid mounted) :
1 256 lbs (1 058 lbs)
- Dimensions (skid mounted) :
113.7L x 46.7W x 52H in.
(59.6L x 30L x 38.5H in.)
- 90 CFM



DS Item #

Call us

COMPAIR PORTABLE COMPRESSORS

Equipped with reliable Kubota Diesel engines. Engine speed is adjusted automatically to ensure it is optimal for air consumption and guaranteeing the most economical operation.

- Available as a trailer mount or skid mount.
Many models available.

**Call us for more
information!**



Trailer mount model



Skid mount model

Model	C30	C35-10	C38	C42	C50
CFM	105	123	134	148	176
Generator (optional)	no	yes	yes	yes	yes
Engine (HP)	30	46	46	46	46
Fuel tank capacity (liters)	40	60	60	60	60
Weight (KG)	525	775	775	775	835
Mounts	Skid	Trailing	Trailing	Trailing	Trailing



CompAir

**CompAir air redefines energy efficiency
in the stone industry with Regulated Speed
Compressors, High efficiency Dryers,
Low Restriction Filters and Innovation
Heating Solutions**

Ask Derusha Supply today!



CompAir is a leading global supplier of compressed air and gas solutions. CompAir Canada provides services to the Canadian air compressor market from its branch locations in Oakville (Ontario) and Montreal (Quebec), as well as through a network of authorized distributors accross Canada, including Derusha Supply for the stone industry. For a complete range of world class rotary screw, piston, vane compressors, portable models as well as dryers and filters. CompAir has the innovative answer to your compressed air and gas needs, today. For more information call 1 800 567-6199.



Stationary Compressors

COMPAIR STATIONARY COMPRESSORS

Clean compressed air is at the heart of various stone industry applications, from sandblasting to polishing. Derusha Supply provides several compressed air solutions to meet your requirements and budget.



Compressor Type	Benefits
Reciprocating	Economical & Low initial cost and includes air reservoir
Hydrovane	Ultra quiet, Efficient & Low maintenance costs
Rotary Screw	Efficient & Low maintenance costs
Regulated Speed	High energy savings, efficient & Low maintenance

COMPAIR CHAMPION COMPRESSOR

The PL-Series compressor has been designed to operate in extreme duty applications and is a pressure-lubricated alternative to the R-Series unit. Because the PL-Series can operate up to 250 psig in remote locations or in off-level operations, it is a true industrial use compressor. The PL-Series features domed pistons, integral cylinder head, disc valves and an oil pump that provides lubricant to all crucial parts of the compressor.



Vertical or Horizontal

Model	Motor H.P.	Air End	Receiver config/cap	Capacity CFM 125 / 175 PSI	L x W x H inches	Weight
VR5-8	5	R-15B	Vertical 80	91.1 / 17.3	32.5 x 24 x 75	545 lb
HR5-8	5	R-15B	Horizontal 80	19.1 / 17.3	66.5 x 23.25 x 49	535 lb
VR7-8	7.5	R-30D	Vertical 80	30 / 25.8	42.5 x 30 x 66.75	665 lb
HR7-8	7.5	R-30D	Horizontal 80	30 / 25.8	66.5 x 23.25 x 52.75	665 lb
VR10-8	10	R-30D	Vertical 80	37.3 / 34.8	42.5 x 30 x 66.75	860 lb
HR10-8	10	R-30D	Horizontal 80	37.3 / 34.8	66.5 x 23.25 x 49.25	675 lb
VR10-12	10	R-30D	Vertical 120	37.3 / 34.8	43.5 x 30 x 81	890 lb
HR10-12	10	R-30D	Horizontal 120	37.3 / 34.8	70.5 x 25 x 53.25	890 lb
VR15F-12	15	R-30D	Vertical 120	50.2 / 49	43.5 x 30 x 81	890 lb
HR15F-12	15	R-30D	Horizontal 120	50.2 / 49	70.5 x 25 x 53.25	840 lb
HRA15-12	15	R-40A	Horizontal 120	59 / 53.7	72 x 27.5 x 62	1110 lb
HRA15-25	15	R-40A	Horizontal 250	59 / 53.7	89 x 30.25 x 64	1495 lb
HRA20-12	20	R-70A	Horizontal 120	91.9 / 76.7	72 x 27.5 x 64.5	1325 lb
HRA20-25	20	R-70A	Horizontal 250	91.9 / 76.7	89 x 30.25 x 71.5	1790 lb
HRA25-12	25	R-70A	Horizontal 120	102.1 / 90.1	72 x 27.5 x 64.5	1365 lb
HRA25-25	25	R-70A	Horizontal 250	102.1 / 90.1	89 x 30.25 x 71.5	1735 lb
HRA30-12	30	R-70A	Horizontal 120	102.1 / 101	72 x 27.5 x 64.5	1404 lb
HRA30-25	30	R-70A	Horizontal 250	102.1 / 101	89 x 30.25 x 71.5	1774 lb



Stationary Compressors

HYDROVANE COMPRESSOR

The Hydrovane series rotary vane compressors are versatile, powerful, reliable and cost effective. In fact they are the perfect business solution to your requirement for reliable, high quality compressed air. The low noise operation of the Hydrovane air compressors means that they can be installed right alongside your equipment. Most models are available either as open units or fitted with enclosure panels which further reduce noise levels.

Features:

- Technology Rotary Vane
- Efficiency Low energy consumption
- Regulated Speed Output to meet your requirements *
- Inverter Proven technology, fully integrated *
- Long life No bearings to replace
- Reliability Direct drive
- Control Fully electronic
- Running Speed Low
- Quality Air Pulse free, dry air
- Quiet Low noise levels
- Small Footprint Compact design
- Maintenance Quick, easy and cost-effective



**Small Size!
Big Performance!
Great Value!**

* Regulated Speed model only.

HP	kW	Model	Voltage/Phase	CFM 100 PSIG	CFM 115 PSIG	CFM 150 PSIG	Noise Level (dBA)	Air Outlet NPT	Weight (Lb)	L (in.)	W (in.)	H (in.)
5	4	HV04	208-230 1Ph 200-230/460/575 3Ph	20.0	-	17.4	66	3/4"	399	25	20	41
7.5	5	HV05	208-230 1Ph 100-230/460/575 3Ph	30.5	-	21.5	66	3/4"	410	25	20	41
10	7	HV07	200-230/460/575 3Ph	36.6	-	29.4	67	3/4"	434	25	20	41
15	11	HV11	200-230/460/575 3Ph	-	52.4	45.9	69	3/4"	847	32.5	27.6	60
20	15	HV15	200-230/460/575 3Ph	-	67.3	60.6	70	3/4"	875	32.5	27.6	60
25	18	HV18	200-230/460/575 3Ph	-	100.4	89.4	71	1"	1060	32.5	27.6	60
30	22	HV22	200-230/460/575 3Ph	-	112.7	101.3	72	1"	1090	32.5	27.6	60
40	30	HV30	200-230/460/575 3Ph	-	155.7	143.2	73	1.5"	1889	43	35	63
50	37	HV37	200-230/460/575 3Ph	-	201.8	175.9	73	1.5"	2008	43	35	63
60	45	HV45	200-230/460/575 3Ph	-	226.6	198.5	73	1.5"	2072	43	35	63

All units include Starter and After Cooler.



Stationary Compressors

COMPAIR SCREW COMPRESSOR (L-SERIES)

Industries, both large and small, rely on CompAir rotary screw compressors for a supply of consistently high quality compressed air. Pre packaged with single connections for power supply, compressed air and built in cooling systems the installation of all CompAir L-series compressors is greatly simplified. The resulting reliability and performance ensure that operating costs will remain low throughout the compressors life. The innovative compressor design saves unnecessary service cost. All component parts are designed for a long service life.

Standard equipment:

- High efficiency CompAir air end with heavy duty parallel and taper roller bearings
- IGBT semiconductor drive technology with torque control and voltage/current monitoring
- Air cooled oil cooler and aftercooler with fan motor
- ASME and CRN coded air/oil separator vessel with air/oil separator element
- Air intake filter and 10 micron oil filter
- DELCOS 3100 microprocessor based electronic control system with LCD and LED display, LED indicators and tactile membrane switches
- Unit contained in an acoustically lined epoxy coated steel enclosure with latched access doors

Model	Psi g	CFM	HP	Noise Level
L30	109	166	30	74
L37	109	203	37	74
L45	109	277	45	69
L55	109	326	55	71
L75	109	485	75	72

Larger and smaller capacity available! Call us to discuss.



COMPAIR L SERIES AIR STATION

A complete air system in one package.

Rotary screw compressor mounted on a horizontal air receiver tank (includes drain), with an air dryer, integral B type air filter and dryer drain included.

- Small installation footprint.
- Integrated fully enclosed forklift slots increase flexibility, making installation quick, safe and easy.
- Durable stainless steel tubing is standard.
- Automatic zero-loss float drain is standard on tank and dryers.
- Packages with dryer include integrated filter/separator and standard three-way bypass, allowing dryer maintenance without interruptions to the air supply.
- All service components are conveniently grouped and are accessed via an easy to remove canopy, minimizing service time and cost.



Model	Size	CFM / 125 PSI	L x W x H inches	Wt / Lb
L 07	7 kw / 10 hp	40 CFM / 125 PSI	63.3 x 32 x 67.8	922 / 995
L 11	11 kw / 15 hp	60 CFM / 125 PSI	78.1 x 32 x 67.8	1104 / 1188
L 15	15 kw / 20 hp	88 CFM / 125 PSI	79.6 x 32 x 73.8	1550
L 18	18 kw / 25 hp	105 CFM / 125 PSI	79.6 x 32 x 73.8	1600
L 22	22 kw / 30 hp	120 CFM / 125 PSI	79.6 x 32 x 73.8	1625

L07 & L11 has an option of an 80 or 120 Gal receiver tank.

Compressor voltage available 208; 230; 460; 575 / 3 phase / 60 cycle.



Stationnary Compressors

HYDROVANE REGULATED SPEED

Most air installations operate between 40% and 75% of full load capacity. A savings of 50% or more in energy costs can be achieved by supplying only the compressed air needed to meet the air demand. From 10-60 HP, the HV RS Series include all of the features of the fixed speed hydrovane, yet designed to consume the least amount of electricity to meet the air demand.

Features:

- Direct Drive
- Slow Speed: 870-2200 RPM
- Low Noise
- Small Footprint
- Built-in EMC Filter
- Line Reactor (Choke) Standard
- Inverter Drive for Efficient VSD Operation
- IP55 Electric Motor (TEFC)
- IP21 Electrical Enclosure
- Advanced Electronic Controller
- Reduced Energy Venting System (REVS)
- Less than 3ppm Oil Carryover
- Standard Air and Oil Cooler
- 87-150 PSIG
- Standard 2 Year Warranty



**New
Energy Saving
Compressors!**



Model	CFM 115 Psi	Oil capacity	Noise levels	Weight
		(gal.)	dB (A)	Lb
HV07RS	0-46	1	67	449/959
HV11RS	0-66	1.85	69	866
HV15RS	0-87		70	895
HV18RS	0-110	2	72	1,118
HV22RS	0-137		73	1,146
HV30RS	0-197	5.6	73	2,004
HV37RS	0-228			2,151
HV45RS	0-280			2,187

RS models are rated and operate from 6 to 10 bar.

ROTARY SCREW REGULATED SPEED

Rotary Screw can be purchased with the regulated speed option, which can significantly reduce energy consumption. In fact, most air installations operate between 40% to 70% of full load capacity. A savings of over 50% in energy costs can be achieved by supplying compressed air according to demand.



Model	Drive Motor kW	Max. Working Pressure bar g (psig)	Working Pressure bar g (psig)	Free Air Delivered* min. - max. (CFM)	Noise Level** dB(A)	Weight Kg
L45SR	50	189	5 (72)	10 - 283	77	955
			13 (189)	58 - 211		
L75SR	75	189	5 (72)	67 - 438	77	1243
			13 (189)	74 - 336		
L120SR-11	128	167	5 (72)	94 - 700	76	2100
			11.5 (167)	120 - 577		
L120SR-13	128	189	13 (189)	118 - 543	76	2100



Dryers

HIGH TEMPERATURE AIR DRYER

CompAir's CHT Series High Inlet Temperature refrigerated dryers feature a unique design which works directly with reciprocating air compressors. A unique heat exchanger allows the dryer to accept elevated inlet air temperatures, up to 180°F (82°C). This allows compressed air users to send high temperature air straight from their compressor directly to the CHT Series refrigerated dryer and maintain a 50°F pressure dew point.

The CHT Series is ideally suited for light industrial facilities with 5 to 30 horsepower reciprocating air compressors.

Features:

- Maximum working pressure of 174 PSI
- Maximum load rated at 180°F (82°C) inlet compressed air temperature, 100 PSI inlet pressure, ambient temperature of 113°F
- Discharge pressure dew point 3-5°C (37.4-41°F)
- Total pressure drop 3 PSI @ 100 PSI/180°F
- Automatic electric condensate drains fitted as standard
- CompAir CHT dryers are CSA approved and registered with CRN
- Standard internal prefilter/separator included
- Models up to CHT 100 use R134a refrigerant
- Models CHT 150 and larger use R404a refrigerant



Model Number	Capacity SCFM Nominal	Standard Voltage	Maximum Power Draw	Inlet and Outlet Connections	Replacement Elements for Internal Prefilter Part Number
CHT 20U-A1	20	115/1/60	2.7 Amp.	1/2" NPT	TP008
CHT 20U-A2		230/1/60	1.4 Amp.		
CHT 30U-A1	30	115/1/60	3.0 Amp.	1/2" NPT	
CHT 30U-A2		230/1/60	1.5 Amp.		
CHT 40U-A1	40	115/1/60	3.9 Amp.	1/2" NPT	TP012
CHT 40U-A2		230/1/60	1.9 Amp.		
CHT 50U-A1	50	115/1/60	5.1 Amp.	1/2" NPT	
CHT 50U-A2		230/1/60	2.5 Amp.		
CHT 75U-A1	75	115/1/60	8.9 Amp.	1" NPT	TP030
CHT 75U-A2		230/1/60	4.5 Amp.		
CHT 100U-A1	100	115/1/60	11.2 Amp.	1-1/4" NPT	
CHT 100U-A2		230/1/60	5.6 Amp.		
CHT 150U-A1	150	115/1/60	12.2 Amp.	1-1/4" NPT	TP055
CHT 150U-A2		230/1/60	6.1 Amp.		
CHT 200U-A2	200	230/1/60	7.3 Amp.	1-1/2" NPT	
CHT 250U-A2	250	230/1/60	10.4 Amp.	1-1/2" NPT	
CHT 300U-A2	300	230/1/60	12.3 Amp.	2" NPT	
CHT 350U-A2	350	230/1/60	12.8 Amp.	2" NPT	TP120

NOTE: The pre-filter element is to be changed every 12 months in accordance with the maintenance instructions.



Dryers

CCT COMPRESSED AIR DRYER

Compair has introduced the new CCT dryer. This new dryer series incorporates a new aluminum heat exchanger technology designed to provide optimal drying performance and directly reduce energy consumption by lower pressure drop. The new CCT heat exchanger module produces very low pressure drop ratings compared to most of our competitors. The lower pressure drop results in energy by savings allowing for a good return on investment. Combined with a new technology hot gas by-pass valve designed to deliver constant dew point, the CCT dryer will provide unmatched performance in the industry.

Along with the improved performance of the CCT dryers we have also dramatically improved the energy saving capabilities of a compressed air dryer via significantly lower pressure drop. Many of our competitors boast energy savings achieved by cycling the refrigerant compressor. The refrigerant compressor represents only 2% to 3% of the total absorbed power of a typical air compressor system. CCT low pressure drop dryers are designed to turn off your air compressor instead; this results in much higher overall energy savings. By utilizing our new technology low pressure drop heat exchangers we can reduce pressure drop by more than 50% on most models versus our competition. This resulting in dramatic energy savings.



Model	Capacity Nominal CFM	Standard Voltage	Inlet and Outlet Connections
CCT 10	10	115/1/60	3/8" NPT
CCT 15	15	115/1/60	3/8" NPT
CCT 20	20	115/1/60	1/2" NPT
CCT 27	27	115/1/60	1/2" NPT
CCT 35	35	115/1/60	1/2" NPT
CCT50	50	115/1/60	1/2" NPT
CCT 75	75	115/1/60	1" NPT
CCT 100	100	115/1/60	1-1/4" NPT
CCT 125	125	230/1/60	1-1/4" NPT
CCT 150	150	230/1/60	1-1/4" NPT
CCT 200	200	230/1/60	1-1/2" NPT
CCT 250	250	230/1/60 - 575/3/60	1-1/2" NPT
CCT 300	300	230/1/60 - 575/3/60	2" NPT
CCT 350	350	230/1/60 - 575/3/60	2" NPT
CCT 400	400	230/1/60 - 575/3/60	2-1/2" NPT
CCT 500	500	575/3/60	2-1/2" NPT
CCT 800	800	575/3/60	3" Flange

DS TECH TIP

WHY REFINE COMPRESSED AIR?

The damaging and corrosive properties of water are well known. Untreated air at atmospheric pressure contains large amounts of water and other contaminants such as oil droplets and dirt particles. When the air is compressed the concentration of moisture and other contaminants increases. If allowed to remain in the system this corrosive mixture has a detrimental effect on pneumatic equipment, causing unnecessary production downtime, product spoilage and reduced equipment life. Compressed air filters remove the oil and dirt content while compressed air dryers remove water vapor before air reaches the point of use.

Clean dry air is key when sandblasting, call us for more information!



Receiver Tanks

INDUSTRIAL AIR RECEIVER TANKS

These tanks not only serve as a temporary storage, they also allow your system to perform more efficiently. High quality air receiver tanks built exceptionally strong and durable. Vertical format ensures small footprint
 \varnothing = diameter of tank.

Features:

- Painted blue finish
- Manual drain value
- Safety relief value
- Automatic drain available



Vertical model

Size (in.) \varnothing x L	Capacity Cu. Ft.	Us Gal. Nominal	MAWP PSIG	Weight Lb	Port Size
20" x 63"	10.7	80	200	190	2" NPT
24" x 69"	16	120	200	275	2" NPT
30" x 72"	26.7	200	200	505	2" NPT
30" x 84"	32	240	200	570	2" NPT
36" x 93"	53.5	400	200	880	3" NPT

Horizontal models also available.

DS TECH TIP

HOW TO DETERMINE THE RIGHT AIR RECEIVER TANK SIZE?

Receiver volume sizing estimate

$$\begin{array}{lcl} \text{Constant duty} & = & \text{Compressor CFM}/10 = \text{Receiver volume ft}^3 \\ \text{Intermittent duty (stop/start)} & = & \text{Compressor CFM}/6 = \text{Receiver volume ft}^3 \end{array}$$

COMPAIR PARTS

Even the best compressed air equipment needs servicing regularly to keep it safe and efficient. As a professional, experience and authorised Compair distributor, we provide:

- Only genuine parts and lubricants to maintain and repair your machines - as recommended by Compair.
- Regular servicing using genuine manufacturer parts and lubricants is the key to a long and trouble-free life for your compressors and will save you money!

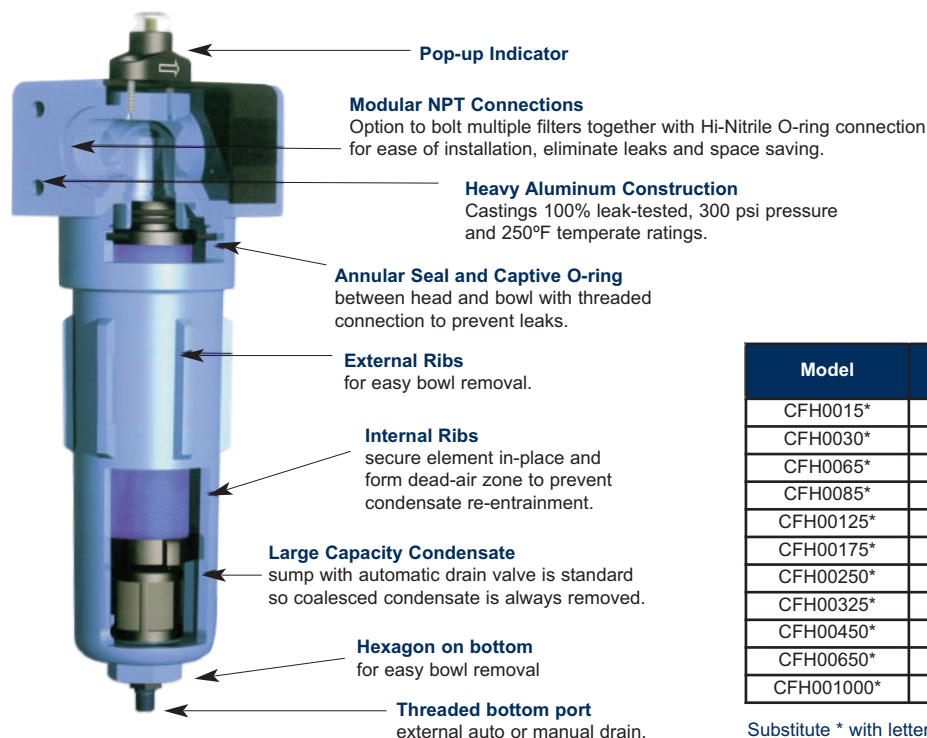




Filters

COMPAIR AIR FILTERS

Compair compressed air filters are high quality filters designed for industrial applications with energy efficiency in mind.

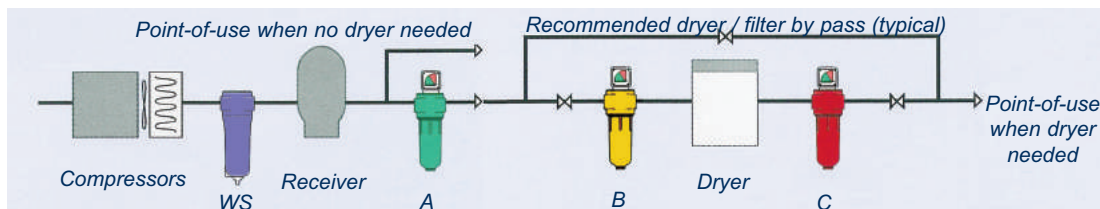


Model	CFM	Pipe Size NPT	Replacement Elements
CFH0015*	15	1/4" NPT	CFE0015
CFH0030*	30	3/8" NPT	CFE0030
CFH0065*	65	1/2" NPT	CFE0065
CFH0085*	85	3/4" NPT	CFE0085
CFH00125*	125	1" NPT	CFE0125
CFH00175*	175	1" NPT	CFE0175
CFH00250*	250	1-1/2" NPT	CFE0250
CFH00325*	325	1-1/2" NPT	CFE0325
CFH00450*	450	2" NPT	CFE0450
CFH00650*	650	2" NPT	CFE0650
CFH001000*	1000	3" NPT	CFE1000

Substitute * with letter (A,B,C) as suffix to specify the filtration grade.

DS TECH TIP

HOW TO SELECT THE RIGHT FILTER?.



- A** General purpose, coalescing and bulk contaminant removal; point-of-use
- B** Pre-filtration to refrigerated dryer; higher efficiency, coalescing point-of-use.
- C** High efficiency coalescing oil removal after refrigerated dryers upstream of desiccant dryers.
- WS** Efficient removal of bulk liquid contamination from compressed air

Specifications	General Purpose	Prefiltration/Coalescing	High Efficiency
Particle removal (micron)	5	1	0.01
Max. carryover at 68°F (ppm)	10	0.1	0.01
Max. recommended temperature (°F)	149	149	149
Pressure drop - clean and dry (psid)	0.6	1.5	2.0
Pressure drop - oil saturated (psid)	1.0	2.9	5.8
Pressure drop - change element (psid)	5.8	5.8	7.3
Element media	borosilicate microfiber multi-wrap		
Housing material	High quality aluminum / ASME high carbon steel		
Max. working pressure (psig)	232	232	232



Filters

COMPRESSED AIR FILTERS

For heavy-duty applications with minimal pressure drop requirements, Watts offers air filters with a 5 or 40 micron element and manual drain or auto-drain.

When ordering, please specify size of micron element and manual or auto-drain.



DS Item #	Description
13011145	1/4" Air Filter
19913937	1/2" Air Filter
19913939	3/4" Air Filter
19913940	1" Air Filter
12013207	1-1/4" Air Filter
19913941	2" Air Filter

Call us to discuss your requirements.

COMPRESSED AIR REGULATOR

High-capacity performance featuring rugged design for the most demanding applications.

Features include:

- T handle
- Diaphragm operated
- Temperature range 40°F to 120°F
- Relieving or non-relieving diaphragm available
- Aluminum spring cage
- Zinc body

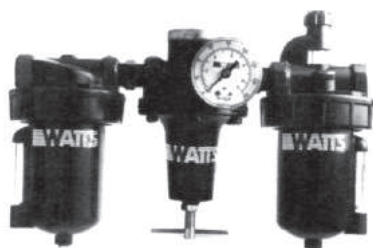


DS Item #	Description
13011199	1/4" Air Regulator
29916215	1/2" Air Regulator
29916190	3/4" Air Regulator
29916214	1" Air Regulator
22916209	1-1/4" Air Regulator

Call us to discuss your requirements.

FRL COMBINATION UNITS

These combination units combine a compressed air filter, regulator and lubricator. Same characteristics of individual units (see above).



Call us to discuss your requirements.

INTEGRAL AIR FILTER / REGULATOR

Economy of size and high-performance are two key characteristics of this series.

Features include:

- Knob Type or T handle
- Diaphragm operated
- Reduced pressure ranges 2-125 psig.
- Relieving or non-relieving diaphragm available
- Temperature range 40°F to 120°F

T Handle

AF602
Knob Type



DS Item #	Description
29916231	1/2" Air Filter / Regulator
29916236	3/4" Air Filter / Regulator
29916237	1" Air Filter / Regulator

Call us to discuss your requirements.

LUBRICATORS

High-performance over a very wide flow range.

Features include:

- Lubricator is fillable while under pressure.
- Zinc body.
- Rate of lubrication is automatically adjusted proportioned to airflow eliminating re-adjustment.



DS Item #	Description
13011309	1/2" Lubrifier
13011310	1-1/4" Lubrifier

Call us to discuss your requirements.

GAUGE & DRAIN OPTIONS CENTER BACK MOUNT GAUGES

2" pressure gauge.
Back mount for easy reading.
0 - 160 PSI* pressure measurement (0-11 bar)



DS Item #	Description
13011146	2" Pressure Gauge 0-160 PSI 1/4" NPT
13011114	1-3/8" Pressure Gauge 0-160 PSI 1/8" NPT
12013202	Watts Auto Drain, Brass, Float Type



Oil/Water Separator

COMPAIR CONSEP®

The CONSEP® separates oil from condensate. The oil/water mixture enters the expansion chamber. The excess pressure is allowed to discharge through an activated carbon element which captures aerosols and odor and reduces noise. Condensate falls into the removable dirt collector. Condensate then moves into the flotation chamber where oil floats off and is removed by an adjustable skimmer to a sealed oil container which is supplied. The partially cleaned condensate now enters a purification stage and a large bed of activated carbon. This cleans the discharge to allowable limits. A test kit, sampler port and log book are supplied to allow monitoring of the discharge and to indicate filter change times. A pop-up indicator shows when unit is blocked up due to lack of filter maintenance.

Both styles of separators use new replacement pre-filter and adsorption cartridges allowing faster and cleaner maintenance:

- CONSEP® units utilize gravity/floatation separation in addition to the pre-filter and adsorption cartridges.
- QWICKSEP® oil/water separators have only the adsorption cartridge in the separation process - lower initial price but more frequent cartridge change.



Consep

Model	Nominal Capacity	Replacement Elements
Gravity Separation Type		
CONSEP 12	60-180 cfm	CONSEP 12kit
CONSEP 14	225-450 cfm	CONSEP 14kit
CONSEP 15	495-788 cfm	CONSEP 15kit
CONSEP 16	900-1575 cfm	CONSEP 16kit
CONSEP 8	2000-3600 cfm	CONSEP 8kit
Non-gravity Separation Type		
QWICKSEP 25	45-90 cfm	QWICKSEP 25kit
QWICKSEP 50	113-180 cfm	QWICKSEP 50kit
QWICKSEP 100	225-338 cfm	QWICKSEP 100kit
QWICKSEP 200	450-585 cfm	QWICKSEP 200kit
QWICKSEP 350	590-1125 cfm	QWICKSEP 350kit

DS TECH TIP

IS YOUR COMPRESSOR WASTE DANGEROUS FOR THE ENVIRONMENT?

All of us are responsible for the quality of the environment. It has been estimated that 25 million gallons of condensate and 21,000 gallons of oil are discharged from compressor systems in North America each day. Up until now, the solution has been to let the oil and water mixture go down the drain risking heavy fines or pay a specialist firm to haul it away at great expense. The CONSEP® and QWICKSEP® is an oil-water separation system for dispersed condensates, proven for many years. Since it fulfills the applicable regulations, safe processing is guaranteed and discharge of the processed water into the sewage system is possible without any problems.

Frequently, condensate consists of 99% water and only 1% oil. Therefore, processing the oil emulsion condensate on site is always more economical than cost intensive disposal by specialist companies. An important point is, that your system complies with the applicable laws and regulations within your area.



Sandblasting & Abrasives

Abrasives 9.2

Sandblast Tanks and Parts 9.6

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Hoses 9.37

CONNECTORS & NIPPLES 9.39

Fittings 9.42





Abrasives

STONEBLAST

Stoneblast® is the most durable and clean blasting abrasive available. It is an impact resistant blasting alloy that maintains its cutting edges longer than standard alumina abrasives. By minimizing its fracturing rate, Stoneblast® throws off less dust particles resulting in a cleaner operation.

Stoneblast® is made of zirconium oxide and aluminum oxide fused under carefully controlled conditions to produce a chemically inert abrasive alloy, zirconia alumina. The abrasive reduces wear on interior nozzle surfaces because it only fractures on direct impact.



Features & Benefits:

- Long life** - More durable than any known abrasive. Lowers materials costs, reduces inventories, lessens handling.
- Fast cutting** - Lowers blasting costs, boosts your profits. Customers indicate up to twice the production.
- Safe** - No silica. Assures operator safety.
- Capability** - The unique abrasive composition gives good contrast. Reduces or eliminates extra blasting or "coloring".

Box = 50 lb Skid = 40 boxes

DS Item #	Size
10013112	36/60 Grit
10013126	36 Grit
10013128	46 Grit
10013129	60 Grit

DERUSHA ECONOBLAST

An economical alternative to Stoneblast. Alumina Zirconia. Mix 30 grit to 54 grit

DS Item #	Description
1013160	Econoblast 30/54 grit

BROWN FUSED ALUMINUM OXIDE ABRASIVE

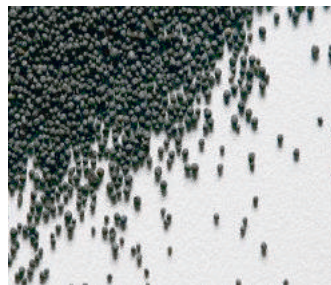
Aluminum oxide abrasive is considered a workhorse in the blasting industry. Works well for etching or blasting granite and glass, also for cleaning steel.

DS Item #	Grit
10013119	30
10013127	36
10013122	54
10013131	80
10013143	100
10013144	120
10013145	150
10013132	180
10013133	220

Box = 50 lb Skid = 40 boxes

SINTERBALL

Sinterball is a superior quality shape carving media for the granite industry. Sinterball is a hard, tough and spherical material best suited for shape carving and flash-ing.



DS Item #	Size
10013099	20/40
10013100	35/70

Box = 50 lb Skid = 40 boxes

STEEL SHOT

Steel shot stuns granite like nothing else for whiter panels and greater contrasts, use steel shot. Steel shot is used primarily for shaping and carving. The old standard in the granite industry.



DS Item #	Size
10013130	S-170

Box = 50 lb Skid = 40 boxes



Norton Stoneblast® Abrasive

**OUTBLAST
OUTLAST**



**OUTPERFORMS
PERIOD!**

Stoneblast® is the most durable and clean blasting abrasive available. Developed through a Norton proprietary manufacturing process, it is an impact resistant blasting alloy that maintains its cutting edges longer than standard alumina abrasives. By minimizing its fracturing rate, **Stoneblast®** throws off less dust particles resulting in a cleaner operation.



Abrasives

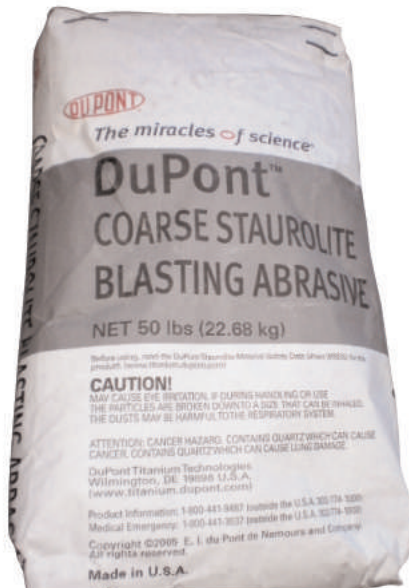
DUPONT STARBLAST

Dupont Starblast blasting abrasives are a loose blend of coarse and fine staurolite sands that are uniformly sized and have clean, rounded surfaces. The naturally occurring sands are washed to ensure freedom from dirt and dust particles. Packaging are available in 22.7 kg (50 lb) multiwall paper bags. (80 bags/pallet).

Greater visibility due to less dust generation. Reclaimable. Guaranteed to contain less than 5% silica, typically less than 3%. Packaged in 50 lb bag.



Starblast Ultra



Staurolite



Starblast

DS Item #	Description	Size
10050010	Staurolite	30/60
10050011	Starblast Ultra	30/80
10050012	Starblast	54/90

DS TECH TIP

USE PROPER RESPIRATORY GEAR

Silicosis is the disease most associated with crystalline silica exposure; it is incurable but preventable. This debilitating and often fatal lung disease persists worldwide despite long-standing knowledge of its cause methods for controlling it.

Many blast equipment manufacturers have extensive warning label on their blasters and in their literature emphasizing the concerns about the use of crystalline silica in their units including Empire and Marco.

See Section 21 for Safety Equipment



Abrasives

WALNUT SHELL ABRASIVE

Use walnut shell to achieve an excellent finish without scratching or pitting the surface. Because of its resistance to breakdown, walnut shell can be recycled to help reduce costs. Application: Blast cleaning of plastic, metal, glass and wood surfaces for refinishing. (50 lb bag)



DS Item #	Size
10050002	12/20M

BLACK SHOT ABRASIVE - NICKEL SLAG

Application: Blast cleaning steel of rust and coatings (Paint etc.) 40 kg bag



DS Item #
10050003

OTHER SPECIAL ABRASIVES

Also available by request:

- Glass Beads
- Plastic Beads
- Baking Soda Medium
- Garnet Abrasive
- Wire Saw Abrasives

***Call us for any sandblast media!**

DS TECH TIP

For your personal safety,

Always wear proper respiratory protection and appropriate apparel when using these products.

Follow recommended procedures from your equipment manufacturers and in accordance to the Work Place Safety Regulations in your area.

CORN COB ABRASIVE

Corn Cob is a clean, organic abrasive that will clean and polish without damaging the surface. Depending on the application, corn cob can typically be recycled. Corn cob will also absorb oils and liquids while cleaning a surface. Application: Blast cleaning of plastic, metal, glass and wood surfaces for refinishing. (50 lb bag)



DS Item #	Size
10050007	14/20M

BLACK SILICON CARBIDE POWDERS

Black Silicon Carbide is produced in an electric resistance furnace from quartz sand, petroleum coke or anthracite at high temperature. It looks black and has a micro hardness. Application: abrasive used for polishing marble, granite and stone.

Sold by the pound.



DS Item #	Size
22514440	30 Grit
22514448	60 Grit
22514441	80 Grit
22514424	120 Grit
22514423	150 Grit
22514428	180 Grit
22514438	220 Grit

DS Item #	Size
22514432	240 Grit
22514426	320 Grit
22514447	600 LG Grit
22514425	17.5 (400 Grit)
22514421	14.5 (500 Grit)



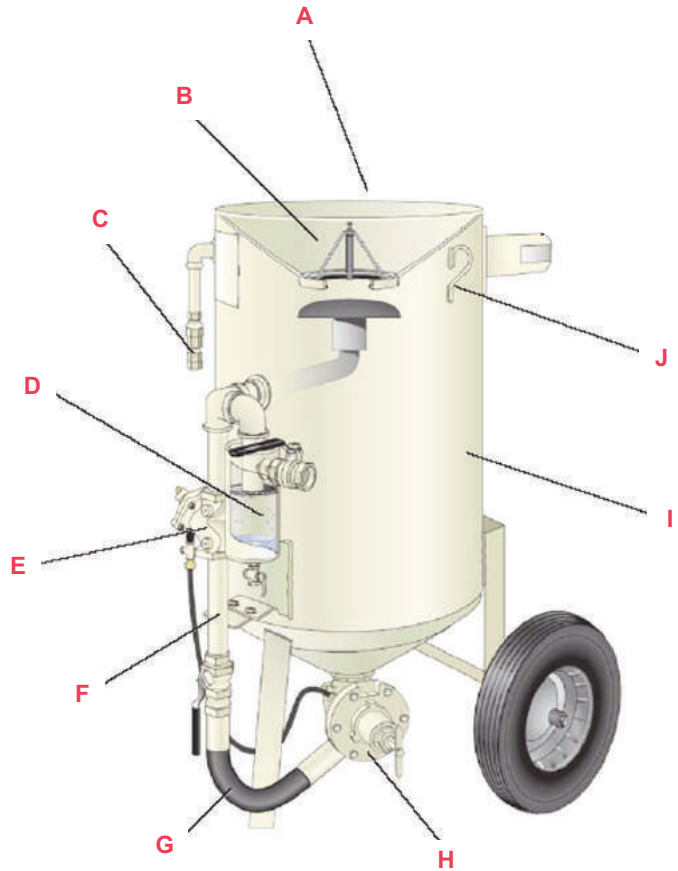
Sandblast Tanks & Parts

EMPIRE SUPERBLAST MODEL 350, 650 & 1050 WITH 780 CONTROLS

Many years on tough jobs, such as removing corrosion, preparing surfaces for coating and maintaining heavy equipment, have proved that SuperBlast® portables deliver exceptional value in the field.

Features

- A** - Low profile reduces the strain of lifting heavy bags of grit. Deep position of built-in screens eliminates the need for height-raising add-on screens.
- B** - E-Z Fill breaks bags on contact eliminating cutting and manipulating heavy bags. Built in screen stops debris that clogs and shuts down other types of blasters. Large, six-inch opening saves time by permitting faster refills.
- C** - Sound attenuator reduces noise.
- D** - Dry-Flo moisture and oil separator keeps you blasting by removing water that can lead to media caking or freezing and assures smooth media flow. It keeps you up and running, even under adverse conditions.
- E** - Compact, front-mounted controls reduce the chance of damage when loading or unloading from trucks. Slim design lets you wheel Superblast through narrow doorways with no damage to piping, petcock, a safety precaution, allows you to signal the operator and shut down the system at the pressure vessel.
- F** - Large piping assures ample air-volume for high-speed blasting. 1" provided on 350 models and 1 1/4" on 650 and 1050 models.
- G** - Flexible air-line simplifies maintenance, prevents air leaks and eliminates performance-robbing pressure drops caused by multiple fittings.
- H** - The Sure-Flo grit valve delivers reliable, precise performance and can be serviced easily in the field.
- I** - Rugged pressure vessel meets ASME and National Board standards.
- J** - Lifting eyes simplify handling.



Portable unit shown.
No wheels on stationary unit.

Specifications on Stationary Tanks

MODEL	350S	650S	1050S
Pressure vessel construction	ASME	ASME	ASME
Grit capacity, lbs. sand *	350	650	1050
Tank diameter	18"	24"	30"
Filling height	44"	50"	56"
Weight, lb	250	415	750
DS Item #	12611080	12611086	12611096

* Is based on a build density of 100lbs/cubic foot.

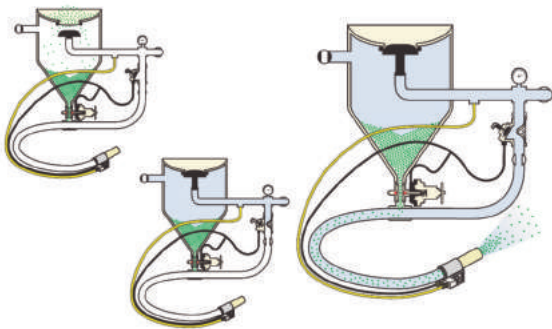


Sandblast Tanks & Parts

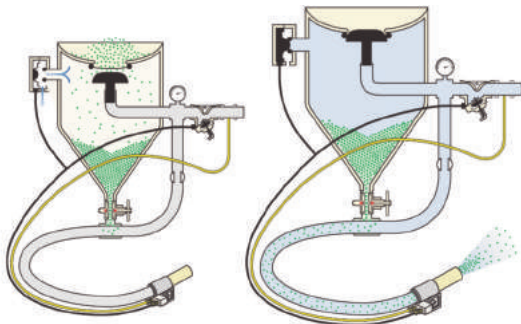
CONTROL SYSTEMS DESIGNED FOR SAFETY AND PROFIT

Empire gives you the choice of two remote operating systems. Either can be specified with pneumatic or electric controls and all conform to OSHA. The four configurations share a simple, reliable design that shuts down blasting when the "on/off" trigger is released for operator safety. The key difference between the electric and pneumatic arrangements is that the electric systems perform better in cold weather and provide faster "start/stop," especially when the pressure vessel is far from the operator.

Manual controls, which can later be upgraded to remotes, are also available, but these systems require a tender at the vessel to assist in operating the system.



780 (pot-under-pressure) controls, used with Empire's SuperBlast, PRS and FaStrip systems, stop blasting when the "on/off" trigger is released while maintaining pressure in the vessel. This arrangement, which conserves compressed air and is easiest on system components, is especially useful for spot blasting because of the fast restarts it provides.

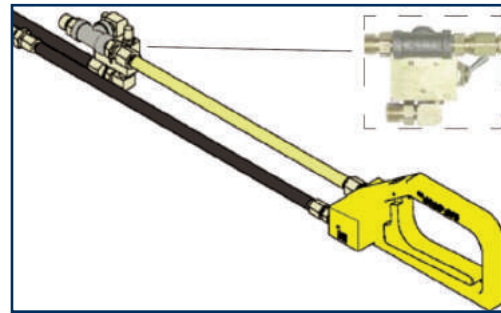


680 (blow-down) controls, used on SuperBlast and Econo-Blast portables, vent pressure from the vessel when the "on/off" trigger is released. This setup makes blasting easier for a single operator and permits automatic grit refills.

SAF-STOP II™ SAFETY SWITCH

Empire's Saf-Stop II control device adds essential safety to any blasting operation by shutting down the system if the pneumatic control hose gets cut, crimped or crushed. The control comes with a large, easy-to-manage handle protected by a guard.

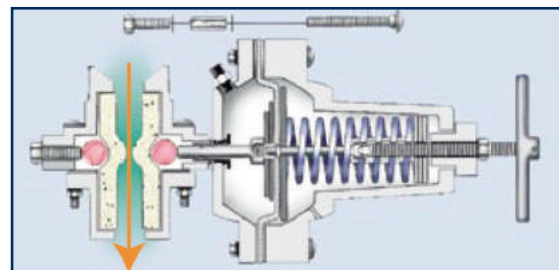
Another control option, which can be added to the handle, is Empire's grit cut-off switch. With the switch installed, media feed to the air line can be turned on and off, enabling the operator to blow off media and dust before parts exit a blast enclosure.



THE SURE-FLO® GRIT VALVE

A key to the popularity of SuperBlast portables is our Sure-Flo grit valve and media regulator. The media path through the valve is straight down, assuring dependable flow. Abrasive media contact only one part, a gum-rubber pinch tube. Not only is the tube exceptionally long lasting, it is also inexpensive and simple to replace—even in the field—meaning you enjoy more productive time and virtually maintenance-free operation.

With the Sure-Flo, metering is easy and precise, saving you mountains of media. It's as simple as turning a handle. Also, a variety of tube sizes are available to meet special application requirements.

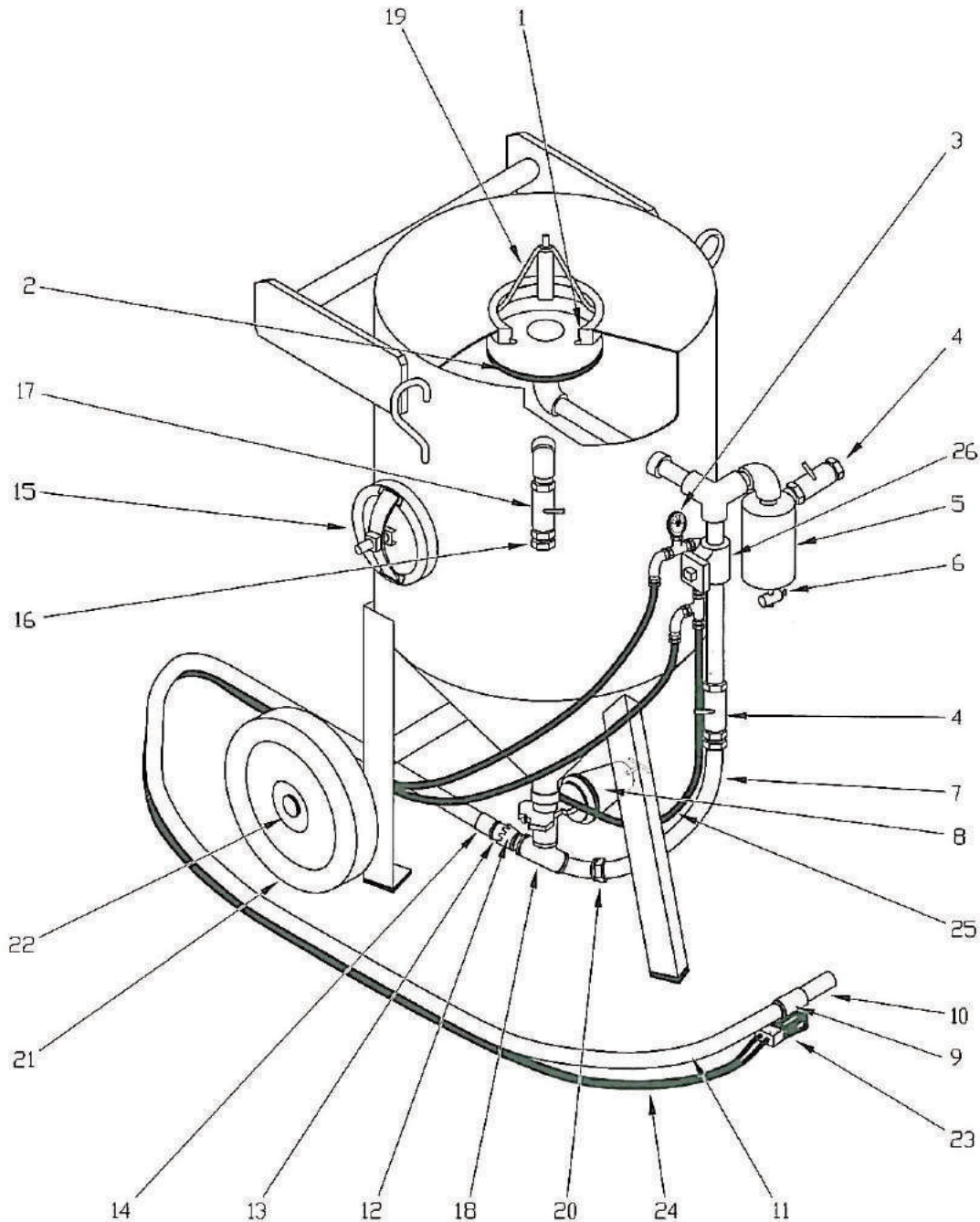


Patented Sure-Flo valve brings any blaster up to a higher level of performance and, when teamed with Empire products, the combination is unbeatable.



Sandblast Tanks & Parts

EMPIRE SUPERBLAST 350, 650 & 1050 WITH 780 CONTROLS





Sandblast Tanks & Parts

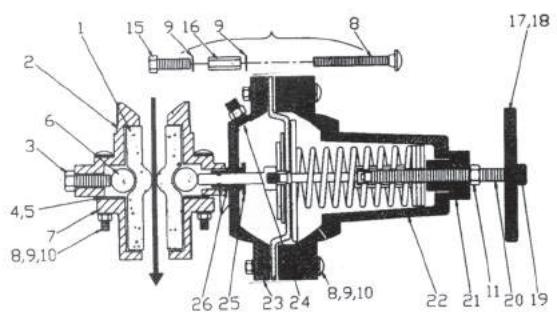
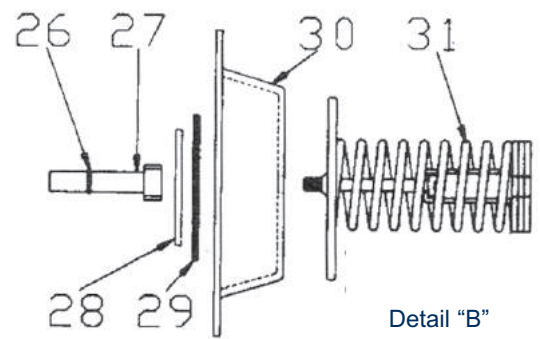
EMPIRE SUPERBLAST 350, 650 & 1050 WITH 780 CONTROLS

DS Item #	No	Part #	Description
12610953	1	523872	"O"ring, 6" Rubber
12610952	2	525072	Sealing Plunger (PVC Coated), 6"
13011136	3	550242	Air Gauge, 1/4" NPT
13011115	4	518492	Manual Air Valve, 1" NPT (350)
13011116		518502	Manual Air Valve, 1-1/4" NPT (650 & 1050)
12610723		504352	Replacement Air Valve Handle, 1" (w/right angle stop tab)
12610724		505272	Replacement Air Valve Handle, 1-1/4" (w/right angle stop tab)
12610723		507132	Replacement Air Valve Handle, 1" (w/straight stop tab)
		507142	Replacement Air Valve Handle, 1-1/4" (w/straight stop tab)
	5	290191	DF-1 Manual Drain Separator, 1" NPT (w/built in check valve)
		290192	DF-2 Manual Drain Separator, 1-1/4" NPT (w/built in check valve)
		504562	ADS-1 Automatic Air Filter, 1" NPT
		504662	ADS-2 Automatic Air Filter, 1-1/4" NPT
12612013	6	518252	Drain Valve, 1/4" NPT
	7	520922	Flexible Hose w/fittings for 350 (Prior to 5/1/84)
		290318	Flexible Hose w/fittings for 350 (After 5/1/84)
		521022	Flexible Hose w/fittings for 650 (Prior 5/1/84)
12612015		290319	Flexible Hose w/fittings for 650 (After 5/1/84)
		521062	Flexible Hose w/fittings for 1050 (Prior 5/1/84)
		250982	Flexible Hose w/fittings for 1050 (After 5/1/84)
12610642	8	290215	Automatic Sure-Flo Valve Assembly (Refer to Parts Selection)
	9	-	Nozzle Coupling (Refer to Nozzle & Hose Section)
	9A	-	Nozzle Washer (Refer to Nozzle & Hose Section)
	10	-	Nozzle (Refer to Nozzle & Hose Section)
	11	-	Blast Hose (Refer to Nozzle & Hose Section)
12610927	12	753262	Aluminum Tank Coupling
12610795	13	510511	Safety Pin
	14	-	Quick Snap Coupling (Refer to Couplings Section)
	15	506152	Clevis Inspection Door
12610745		524152	---Door Gasket
12610931	16	753322	Silencer 1" NPT
13011115	17	518492	Manual Air Valve 1" NPT
12610881	18	545752	Tee, 2" x 1-1/4" x 1-1/4" NPT
12612024	19	290367	E/Z Fill Bag Breaker/Screener (Refer to Parts Selection)
	20	522112	Adapter, 1"
12612028		520262	Adapter, 1-1/4"
	21	505062	Wheel, 12" Semi-Pneumatic, 5/8" Hub (350)
		505072	Wheel, 16" Semi-Pneumatic, 1" Hub (650 & 1050)
	22	504692	Axle, 5/8"D x 26"L (350)
		504702	Axle, 1"D x 32 1/2"L (650)
		504712	Axle, 1"D x 36 1/4"L (1050)
12610628	23	290164	Pneumatic Saf-Stop II Remote Control Handle (Refer to Parts Section)
12612000	24	521962	Dual Line Hose w/fittings (30')
12612017	24	521882	Dual Line Hose w/fittings (50')
12612027	24	521892	Dual Line Hose w/fittings (55')
		520872	Dual Line Hose per foot
12610673	25	290371	Control Hose, 1/4" ID w/fittings, 23"L (350)
12610672	25	290373	Control Hose, 1/4" ID w/fittings, 27"L (650)
		290375	Control Hose, 1/4" ID w/fittings, 39"L (1050)
12612003	26	518052	Automatic Air Valve, 1" NPT w/bleed (350) (Refer to Parts Section)
12612011	26	518062	Automatic Air Valve, 1-1/4" NPT w/bleed (650&1050) (Refer to Parts Section)



Sandblast Tanks & Parts

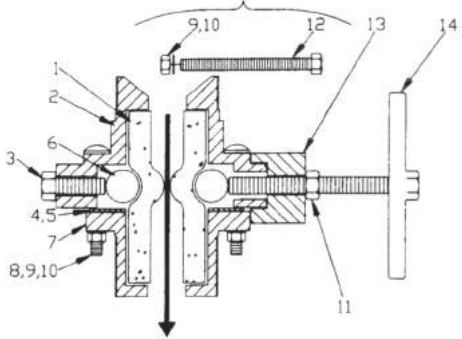
EMPIRE AUTOMATIC SURE-FLO REGULATORS PARTS

DS Item #	No	Part #	Description	Nozzle	Grit	Comments
	1	525451	Metering tube, 3/8" ID	Small	Fine	Back out roller bolt 1/2"
12610772		525782	Metering tube, 1/2" ID	Small-med	Fine-med	Back out roller bolt 1/2"
12610771		253592	Metering tube, 3/4" ID	Medium	Medium	Standard
12610773		525792	Metering tube, 5/8" ID	Med-Large	Med-coarse	-
		525802	Metering tube, 7/8" ID	Large	Coarse	High Production use
12610956	2	753692	Valve body, 2" MPT			
	3	552222	Bolt, 7/16" - 14 x 1-1/4"			
12610917	4	753092	Roller stop/holder			
	5	551352	Screw, 8-32 x 1/2" (2 per assembly)			
12610954	6	753632	Pinch roller (2 per assembly)			
12610955	7	753292	Flange, 2" MPT			
	8	552052	Bolt, carriage, 3/8" - 16 x 2-1/2" (4)			
	9	552762	Lock washer, 3/8" ID (6)			
	10	552542	Nut, hex 3/8" - 16 (2)			
12610738	11	552672	1/2" Jam Nut, (after 5/1/84)			
		552382	7/16" Jam Nut, (prior to 5/1/84)	<p>Note - These fasteners used (2) places to mount manual body adapter to Sure-Flo adapter.</p>		
	15	551852	Bolt, hex 3/8" - 16 x 1-1/4" (2/Auto Sure-Flo)			
	16	552662	Nut, extension 3/8"-16 (2/Auto Sure-Flo)			
12610643	17	290217	Handle assembly, 1/2" - 13, Automatic Sure-Flo			
		290211	Handle assembly, 7/16" - 14 x 4"			
12610739	18	753622	Handle (only), 1/2" - 13			
12610882	19	551732	Set screw, 1/2" - 13 x 1/2", Nyloc			
12610740	20	505802	Shaft, handle			
12610741	21	505822	Spring Tensioner (after 5/84)			
		753182	Spring Tensioner (before 5/84)	<p>SPRING & DIAPHRAGM ASSEMBLY</p>  <p>Detail "B"</p>		
	22	753682	Spring Enclosure			
	23	753112	Diaphragm cover			
	24	520222	Adapter, 1/4" NPT x 1/4" ball end (hose)			
12610944	25	753462	Plunger guide			
12610883	26	561422	O-ring Kit (2 for guide & 1 for plunger)			
12610742	27	505872	Plunger with O-ring (after 5/84)			
12610945		753472	Plunger with O-ring (before 5/84)			
	28	552842	Washer, 1/2" ID			
12610848	29	525002	Gasket, diaphragm			
12610849	30	525012	Diaphragm (after 5/84)	<p>WARNING Never attempt to disassemble the spring assembly in the automatic Sure-Flo. The spring is under air compression and may injure personnel.</p>		
12610624		523662	Diaphragm (before 5/84)			
12610662	31	290296	Spring Assembly (Includes item shown in "Details B")			
	32	565452	Tag, Instructions, Sure-Flo			



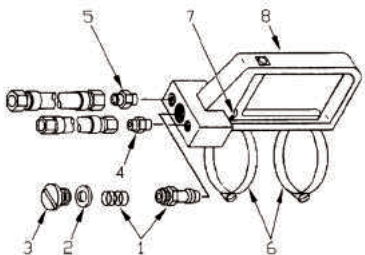
Sandblast Tanks & Parts

EMPIRE MANUAL SURE-FLO REGULATORS PARTS

DS Item #	No	Part #	Description	Nozzle	Grit	Comments
	1	525451	Metering tube, 3/8" ID	Small	Fine	Back out roller bolt 1/2"
12610772		525782	Metering tube, 1/2" ID	Small-med	Fine-med	Back out roller bolt 1/2"
12610771		523592	Metering tube, 3/4" ID	Medium	Medium	Standard
12610773		525792	Metering tube, 5/8" ID	Med-Large	Med-coarse	-
		525802	Metering tube, 7/8" ID	Large	Coarse	High Production use
12610956	2	753692	Valve body, 2" MPT			
	3	552222	Bolt, 7/16" - 14 x 1-1/4"			
12610917	4	753092	Roller stop/holder			
	5	551352	Screw, 8-32 x 1/2" (2 per assembly)			
12610954	6	753632	Pinch roller (2 per assembly)			
12610955	7	753292	Flange, 2" MPT			
	8	552052	Bolt, carriage, 3/8" - 16 x 2-1/2" (4)			
	9	552762	Lock washer, 3/8" ID (6)			
	10	552542	Nut, hex 3/8" - 16 x 3" (2)			
12610738	11	552672	1/2" Jam Nut, (after 5/1/84)			
		552382	7/16" Jam Nut, (prior to 5/1/84)			
	12	551902	Bolt, hex 3/8" - 16 x 3" (2)			
	13	753372	Adapter, manual body, Sure-Flo			
	14	290384	Handle assembly, 1/2" - 13 x 4" (after 5/1/84)			
		290211	Handle assembly, 7/16" - 14 x 4" (prior to 5/1/84)			

Note - These fasteners used (2) places to mount manual body adapter to Sure-Flo adapter.

EMPIRE PNEUMATIC SAF-STOP II REMOTE CONTROL HANDLE PARTS

DS Item #	No	Part #	Description	Ship Weight	
12610647	1	290224	Saf-Stop II Plunger Assembly - includes: push rod, nut, spring, washer, "O" ring	1 lb	
12610648	2	290225	Saf-Stop II Parts kit - includes: washer, two "O" rings, urethane disc	1 lb	
12610959	3	520122	Saf-Stop II Brass Plug	1 lb	
	4	520212	Hose Adapter, 1/8" x 1/8"	1 lb	
	5	520222	Hose Adapter, 1/4" x 1/4"	1 lb	
12610913	6	520521	Adjustable Clamp 3" (Each)	1 lb	
12610855	7	525112	Urethane Disc	1 lb	
	8	752102	Handle w/trigger only	1 lb	

EMPIRE FOOT CONTROL VALVE



DS Item #	Size
12610960	3-Way Foot Control Valve

DS TECH TIP

For complete maintenance guide & instruction, consult your manual. Always use original manufacturer's replacement parts.

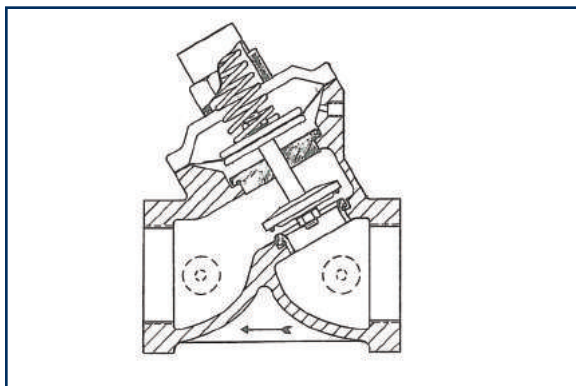
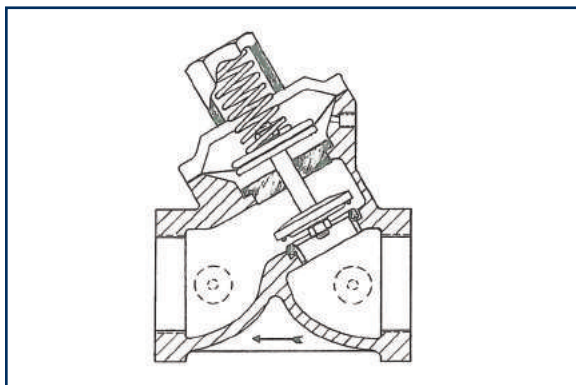


Sandblast Tanks & Parts

EMPIRE AUTOMATIC AIR VALVES

DS Item #	Part #	Catalog Name	Description	Ship Weight
12612003	518052	1" Air Valve	1" Aquamatic Valve, Bleed Type (Use on Econo-O-Blast P-150, P-300 & Superblast 350)	5 lb
12612011	518062	1 1/4" Air Valve	1-1/4" Aquamatic Valve, Bleed Type (Use on Superblast 650, 1050 & Blast Room Vessels)	6 lb

EMPIRE AIR VALVES PARTS

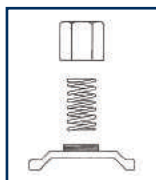


421 BLEED TYPE (1" NPT)

DS Item #	Part #	Description
12612003	518052	1" NPT with bleed 1" Normally open spring assist closed
	518432	Spring 1/2" x 2" high
12610619	517582	Diaphragm / seal repair kit
12610618	518352	Internal repair kit
12610674	752542	Vent 1/8" Brass

424 BLEED TYPE (1 1/4" NPT)

DS Item #	Part #	Description
12612011	518062	1-1/4" NPT with bleed 1-1/4" Normally open spring assist closed
12610621	518082	Spring 1-1/4" x 1-1/4" high
12610744	517592	Diaphragm / seal repair kit
12610620	518362	Internal repair kit
12610958	519052	Lower seat
12610674	752542	Vent 1/8" Brass



CAUTION

When ordering springs, have spring dimensions prior to ordering. Some older versions of the 1 1/4" standard and bleed valves may have this style cap and spring.



Sandblast Tanks & Parts

EMPIRE ECONO-BLAST® PORTABLE

Econo-Blast® portables are compact pressure blasters that share many features with their big brother, SuperBlast®. These portables include ASME vessel certification for safety, flexible air hose for ease of maintenance, wheels for portability, and a pressure gauge. Less grit capacity and smaller nozzles make these units ideal for spot blasting and detail work, particularly on a limited budget. Empire's Pneumatic Recovery System (PRS) provides an economical method of blasting and reclaiming abrasives.

P-150 includes:

- 1" pipe string
- Manual Sure-Flo grit valve
- Air gauge
- Manual air and choke valves

P-300 includes:

- 1/2" pipe string
- 1/2" air filter
- Manual ball type grit valve
- Air gauge
- Manual air and choke valves



Specifications			
MODEL	P-100	P-150	P-300
Pressure vessel construction	ASME	ASME	ASME
Grit capacity, lbs. sand	100	150	300
Tank diameter	12"	12"	16"
Filling height	28"	36"	44"
Weight, lb	50	80	102
DS Item #	12611124	12611117	12611115

EMPIRE 350, 650 & 1050 WITH MANUAL VALVE

Empire Stationary Sandblasters with manual valve are available in 350, 650 and 1050 cubic feet capacity systems.

Includes:

Manual Controls

- 1" pipe 350
- 1 1/4" pipe (650 / 1050)
- Manual Sure-Flo grit valve
- Air gauge
- Manual air and choke valves

Extra:

- DF-1; Dry-Flo moisture & oil separator

Weight : 250 lbs (350)

450 lbs (650)

750 lbs (1050)



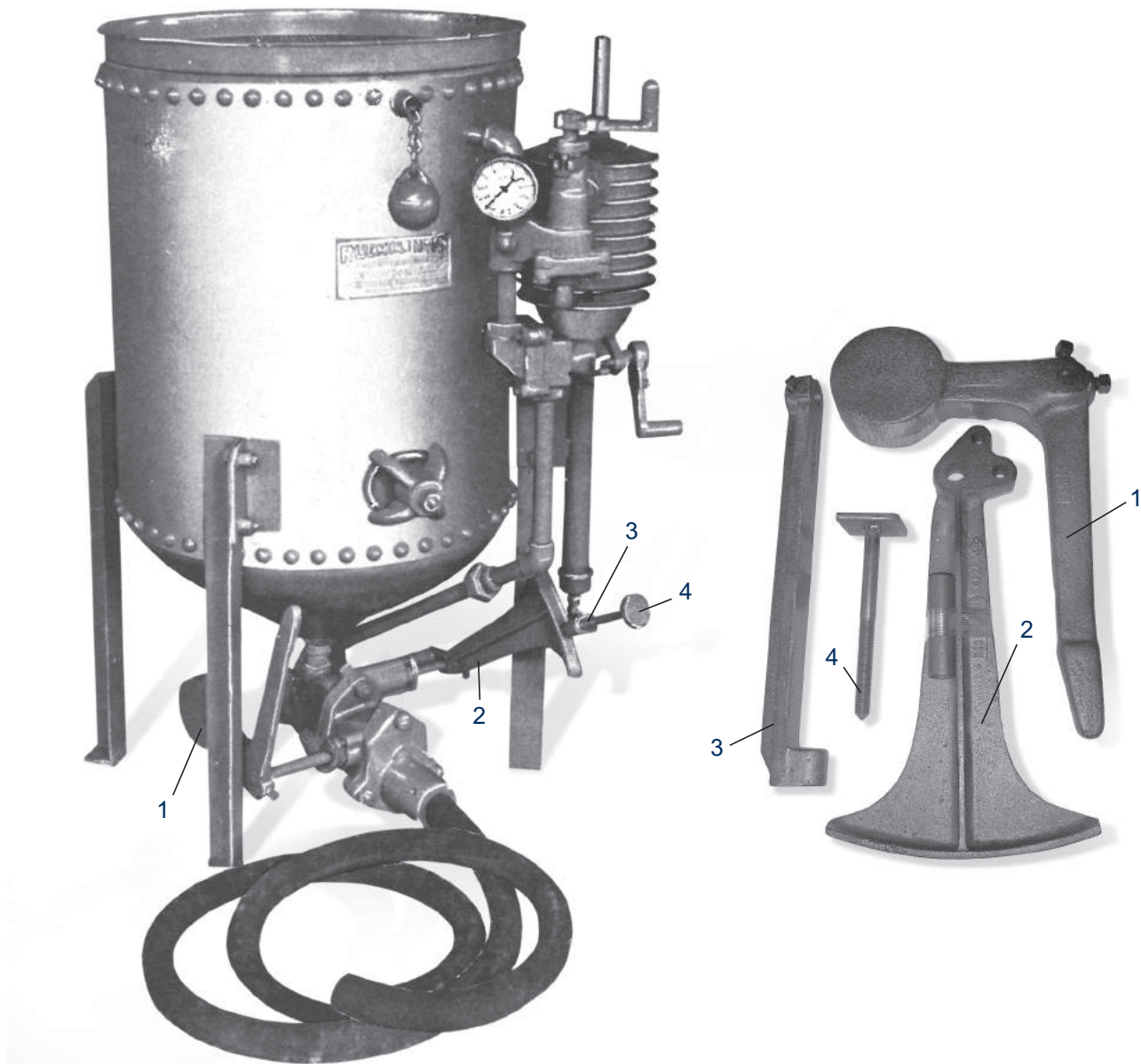
DS Item #	Description
12611090	350 Empire Manual Grit Valve
12611085	650 Empire Manual Grit Valve
Call us	1050 Empire Manual Grit Valve



Sandblast Tanks & Parts

RUEMELIN EQUIPMENT REPAIR PARTS

Ruemelin equipment is no longer available, but repair parts are available for all Ruemelin abrasive generators, abrasive pick ups, and dust collectors. We inventory internal parts, bodies and valve assemblies for the Master, Medium, Junior and Midget models. Castings, pick up tubes, and hoses are available for the Pneumatic Abrasive Pick up. Dust Collector Bags are also available.

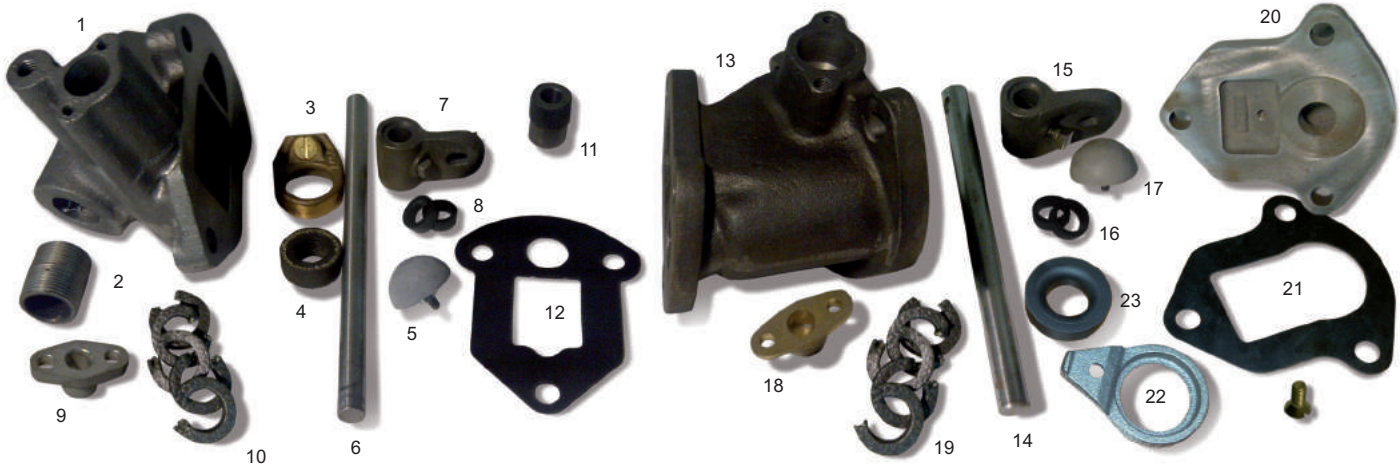


DS Item #	#	Part #	Description
12210303	1	R-406	Weight Lever; Stopper Valve
12210300	2	R-401	Mixer Box Quad W/Spacer
12210301	3	R-402	Mixer Box Quad Lever
12210291	4	R-253	Mixer Box Quad Knob



Sandblast Tanks & Parts

RUEMELIN MEDIUM MIXERBOX PARTS



DS Item #	#	Part #	Description	DS Item #	#	Part #	Description
12210308	1	R-444	Body; Mixer Box 1" NPT	12210312	13	R-449	Body; Stopper Valve
12210345	2	#8	Nipple; Sand Passage (1XH Close)	12210304	14	#42	Shaft; Stopper Valve 3/4" x 9-1/4"
12210313	3	R-450	Retainer; Rubber Ring W/brass screw	12210306	15	R-439	Lever; Rubber Ball W/spacers
12210290	4	#2	3/4" I.D. Rubber Ring	12210307	16	R-439RS	Rubber Spacer; only 2 Req.
12210286	5	#1	1-1/2" Dia. Sand Valve 1/2 Ball W/bolt	12210328	17	#6	2" Rubber 1/2 Ball; Stopper Valve
12210298	6	#4	Shaft; Mixer Box 5/8" x 10-1/2"	12210292	18	R-293	Gland; Stopper Valve Shaft
12210310	7	R-448	Ball Lever; 5/8" W/spacers	12210305	19	#42P	Packing; #42 Shaft 3/4" Set
12210311	8	R-448RS	Rubber Spacer; only 2 Req.	12210294	20	R-343A	Cover; Stopper Valve 3/4" I.D. X 1-1/2" hose
12210309	9	R-446	Stuffing Gland; Mixer Box	12210363	20	R-343A	Cover; Stopper Valve 1" I.D. X 1-7/8" hose
12210316	10	#4P	Packing; #4 Shaft 5/8" Set	12210296	21	#36	Gasket; Stopper Valve Cover
12210314	11	R-477	Reliner; Mixer Box	12210302	22	R-405	Retainer Stopper Valve
12210293	12	#3	Gasket; Mixer Box	12210299	23	#40	1" I.D. Rubber Ring; Stopper Valve



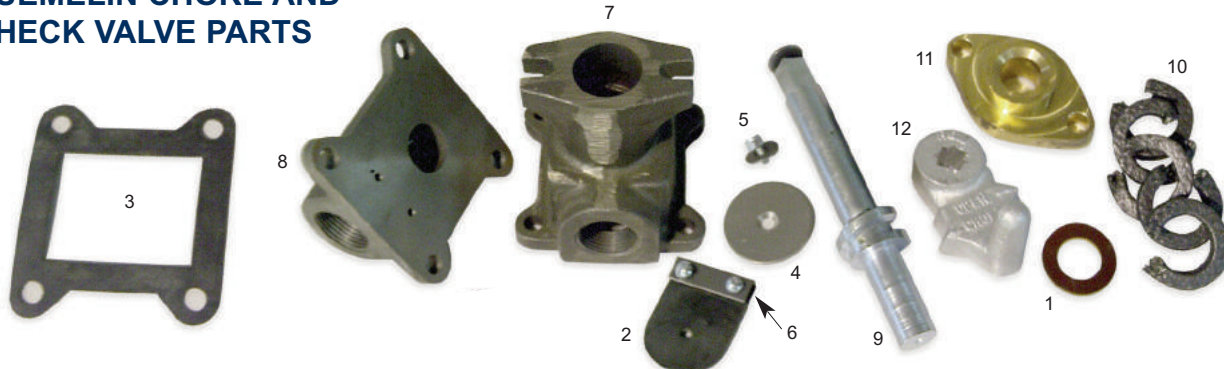
RUEMELIN MEDIUM MIXER BOX

DS Item #	Description
12210284	Complete assembly



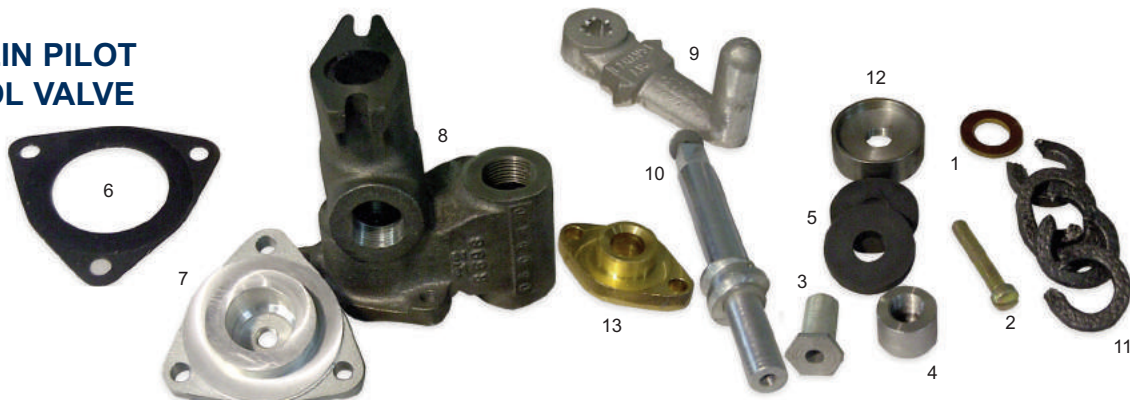
Sandblast Tanks & Parts

RUEMELIN CHOKE AND CHECK VALVE PARTS



DS Item #	Ref. #	Part #	Description
12210335	1	70	Washer; Packing Gland
12210341	2	76	Flap Seat; Choke & Check Valve
12210342	3	77	Gasket; Choke & Check Valve
12210343	4	78	1-5/8" Dia. Washer
12210344	5	79	1/4" Flat Head Screw, Washer & Nut
12210346	6	80	Flat Clamp Bar w/screws & washers
12210325	7	R-597	Body; Choke & Check Valve
12210326	8	R-598	Seat; Choke & Check Valve
12210330	9	R-600A	Stem; Choke & Check Valve
12210331	10	R-600P	Packing; 600A Stem
12210333	11	R-606	Stuffing Box Gland
12210334	12	R-610	Lever; Choke & Check Valve

RUEMELIN PILOT CONTROL VALVE



DS Item #	Ref. #	Part #	Description
12210335	1	70	Packing Gland Washer
12210336	2	71	5/16" Fillister Head Cap Screw
12210337	3	72	5/8" Clamp Screw
12210338	4	73	5/8" Cap Nut
12210339	5	74	1-3/4" Dia. Valve Seat Disc (2 reg'd)
12210340	6	75	Pilot Valve Gasket
12210323	7	R-565	Pilot Valve Cover
12210324	8	R-596	Pilot Valve Body
12210327	9	R-599	Pilot Valve Lever Handle
12210329	10	R-600	Pilot Valve Stem
12210331	11	R-600P	Packing; 600 Stem
12210332	12	R-601	Retainer; Rubber Seast (2 Req)
12210333	13	R-606	Stuffing Box Gland



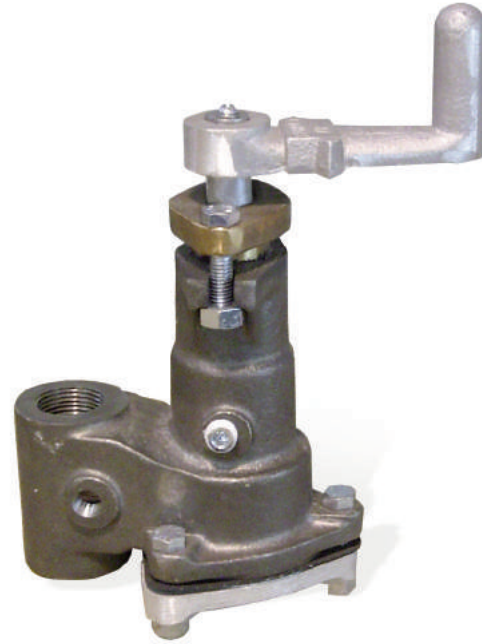
Sandblast Tanks & Parts

RUEMELIN CHOKE AND CHECK VALVE



DS Item #	Description
12210462	Complete Valve

RUEMEPILOT CONTROL VALVE



DS Item #	Description
12210461	Complete Valve

RUEMELIN PNEUMATIC ABRASIVE PICK-UP PARTS

Most common replacement parts.

DS Item #	Description
12210182	AP-3 Venture Head (R-692)
12210186	AP-4 Air Jet
12210173	AP-19, 20, 21 Pick-up Tube Assembly
12210159	2" Pick-up Hose 15 ft.; 3" Soft Cuffs
12210160	2" Pick-up Hose 17 ft.; 3" Soft Cuffs

Inquire about other Pick-up parts that may be available.

RUEMELIN BLAST CURTAIN PARTS

Most common replacement parts.

DS Item #	Description
12210129	4 Ply Nozzle Apron; Standard Curtain; 5'8"
12210130	4 Ply Nozzle Apron; Wide Curtain; 7'6"
12210155	Upper & Lower Curtain Sheet; Standard Curtain 5'8"
12210156	Upper & Lower Curtain Sheet; Wide Curtain 7'6"
12210147	Tension Coil Spring for Inspection Door (heavy duty)
12113325	12" Brass Sight Screen
12113327	12" Steel Sight Screen
	12" x 49" Standard Curtain 5'8" 12" x 72" Wide Curtain 7'6"

Inquire about other Curtain parts that may be available.



Sandblast Tanks & Parts

MARCO® 1.5 CU. FT. PORTABLE TANK

Touch-ups or complete job requirement, the 1.5 cu/ft Blast Machine is up for the task. With a moisture separator as part of the piping, you can count on dryer abrasive to reduce your downtime. Flexible pneumatic tires and a tilt-and-go handle make this machine highly mobile. Included is 25 Ft. of hose, built in nozzle holder and proven 2-Hole Jr. Integrator Mixing Valve.

Features:

- Durable powder-coated finish
 - Compact portable design
 - Concave head for ease of filling
 - Triangle shaped handle for easy pressurization
 - Moisture separator
 - ASME code pressure vessel
 - Pressure gauge
 - 125 psi operating pressure
 - Stable tripod design
 - Pneumatic tires & tilt-and-go handle for increased mobility
- 2-Hole Jr. Integrator Mixing Valve
 - Cast iron abrasive mixing valve for durability & long life
- 25 ft. of 1/2" I.D. Coupled Blast Hose



DS Item #	Description	Weight
12410445	1.5 cu. ft without deadman	108 lb
12410443	1.5 cu. ft with deadman	108 lb

Kwikfire can also be used with 10L6632 and 10L174

**SEE REPLACEMENT
PARTS ON PAGE
9.20 AND 9.23**

With Kwikfire



No Kwikfire

DS TECH TIP

Marco sandblast tanks are the most efficient portable units on the market. If you are doing cemetery lettering where there are multiple jobs in one place the 1.5 model will do 10-12 dates without refilling. If this exceeds your expectations, the 0.35 is the unit for you. The 0.35 unit only weighs approximately 100 lb when full.



Sandblast Tanks & Parts

MARCO® 0.35 CU. FT. PORTABLE TANK

When compact is the key for your job, this machine can hold up to .35 cubic feet of very fine to medium mesh abrasive to expand your blasting time. With the 2-Hole Jr. Integrator abrasive mixing valve, controlling the flow of media is precise and easy aiding in job completion.

Features:

- Durable powder-coated finish
 - Compact portable design
 - Concave head for ease of filling
 - Triangle shaped handle for easy pressurization
 - Moisture separator
 - ASME code pressure vessel
 - Pressure gauge
 - 125 psi operating pressure
 - Stable tripod design
 - Wheels for increased mobility
- 2-Hole Jr. Integrator Mixing Valve
 - Cast iron abrasive mixing valve for durability & long life
- 10 ft. of 1/2" I.D. Coupled Blast Hose
- Kwikfire 153 option available



DS Item #	Description	Weight
12410452	14"W x 19"L x 35"	80 lb

- SEE REPLACEMENT PARTS FOR MARCO 0.35 CU. FT. ON PAGE 9.21
- REPLACEMENT PARTS AVAILABLE FOR MARCO 0.15 CU. FT. SEE PAGE 9.21

ALSO AVAILABLE

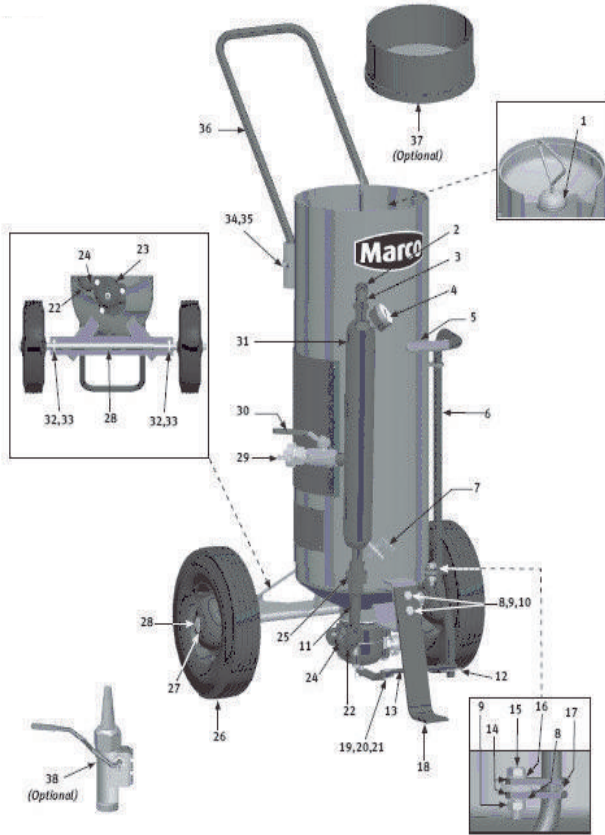


Description	Weight
2.0 cu.ft. L Series	115 lb
3.5 cu.ft S Series	320 lb
6.5 cu.ft S Series	390 lb



Sandblast Tanks & Parts

1.5 CUBIC FOOT BLAST MACHINE



KWIKFIRE 153 REMOTE CONTROL

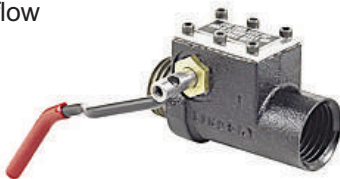
Handle service kit.



DS Item #
12410493

KWIKFIRE SHUT OFF CONTROL

The Kwikfire 153 doubles as an abrasive blasting control and nozzle holder in one unit. Install the Kwikfire 153 on your blast hose and pull back on the lever to start blasting; Release the lever and the heavy duty springs aids in stopping the abrasive flow



DS Item #
12410492

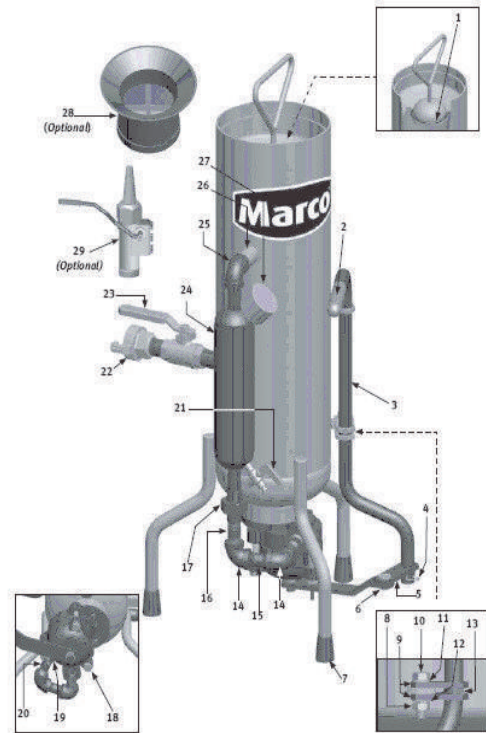
#	Marco #	Description	DS Item #
1	10L650R	Filler plug O-ring	12410585
2	1011209	3/8" NPT Close Nipple	12410504
3	10L806058	1/2" NPT x 3/8" NPT 90 Reducing Elbow	12410503
4	10L800719	Pressure Gauge	13011114
5	10L103LG	Control Lever Grip	12410422
6	10L100268	Control Lever (grip & pin)	12410465
7	10L348	1/8" Moisture Separator Petcock	12410485
8	10L805015	3/8" Lock Washer (3req)	12410469
9	10L804303	3/8"-24 Hex Nut (3req)	12410470
10	10L805317	3/8"-24 x 1" Bolt (2req)	12410472
11	10L803042	1/2" NPT x 3" Nipple	12410646
12	10L103H	Hair Spring Clip	12410515
13	10LC24X	Control Link	12410528
14	10L100058	Control Link Bracket (2req)	12410467
15	10L805318	3/8"-24 x 1-1/4" Bolt	12410460
16	1014241	3/8" Flat Washer	12410461
17	10L800085	Roll Pin 3/16" x 1"	12410471
18	10101868	Spring Foot	12410647
18	10L155	Spring Foot (older Lindsay)	12410473
19	10L201192	Control Link Pivot Assembly	12410478
20	10L100149	Pivot Pin	12410488
21	1011806	E50, E-clip	12410497
22	10L806004	1/2" NPT 90 Elbow (2req)	12410476
23	10L100197	Two Hole Junior Metering Valve	12410495
24	10L803038	1/2" NPT x 2" Nipple	12410474
25	10L806176	1/2" NPT Union	12410494
26	1006067	Wheel & Tire Assembly (2req)	12410516
26	10L4151	Wheel, Semi Pneumatic (2req) (older Lindsay)	12410487
27	10101811	E-clip (for axle 4req)	12410499
28	10101934	Painted Axle (for solid wheels)	12410648
28	10L100158	Axle w/clips (older Lindsay)	12410486
29	10ME122	1/2" NPT Male 2-Lug Air Hose Coupling	13011192
30	10L363	1/2" NPT Full Port Brass Ball Valve	13011123
31	10L100129	Moisture Separator (includes #4 & #7)	12410466
32	1010813	1/4"-20 U-bolt w/Nuts (2req)	12410500
33	1012153	1/4" Lock Washer (4req)	12410424
34	10L805003	5/16" Flat Washer (2req)	12410509
35	10L805312	5/16"-20 x 3/4" Bolt (2req)	12410510
36	10L347	Handle	12410444
37	1001510	Media Funnel w/Screen (optional)	12410512
37S	10L161S	Replacement Screen for Funnel (optional)	12410513
38	10L66EVD	Kwikfire 153 Hose End Shut-Off (optional)	12410492
	1090062	1.5 cu. ft L-Series Blast Pot Operator's Manual	N/A
	1091034	"Off-Blast-Purge" Sticker	N/A
	1091042	Marco Logo Sticker	N/A
	1091045	Hazard Identification Tag	N/A



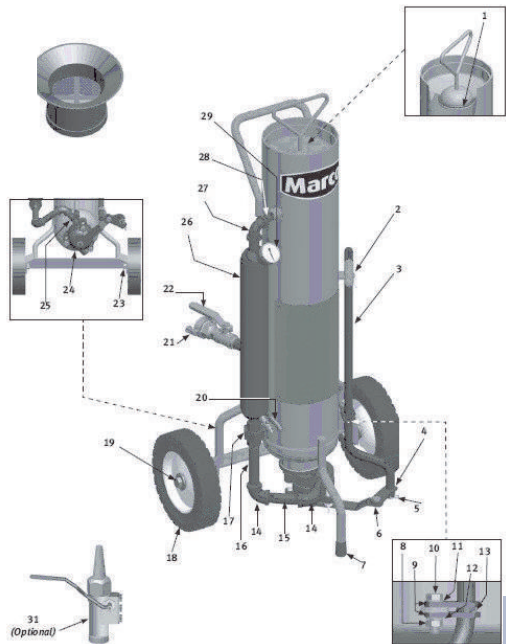
Sandblast Tanks & Parts

#	Marco #	Description	DS Item #	#	DS Item #
MARCO .15 & .35 L-SERIES BLAST POT			0.15		0.35
1	10L650R	Filler Plug -ring	12410585	1	12410585
2	10L103LG	Control Lever Grip	12410422	2	12410422
3	10L100266	Media/Air Control Lever (inc.2&13)	12410517	3	N/A
	10L100267	Media/Air Control Lever (inc.2&13)	N/A	3	12410518
4	10L103H	Hair Spring Clip	12410515	4	12410515
5	10LD24X	Control Link	12410522	5	12410522
6	10L201192	Control Link Pivot Assembly	12410478	6	12410478
7	10LA55RT	Rubber Leg Tip	12410427	7	12410427
8	10L804303	3/8"-24 Hex Nut	12410470	8	12410470
9	10L100058	Control Lever Bracket (2req)	12410467	9	12410467
10	10L805318	3/8"-24 x 1-1/4" Bolt	12410460	10	12410460
11	1014241	3/8" Flat Washer	12410461	11	12410461
12	10L805015	3/8" Lock Washer	12410469	12	12410469
13	10I800085	Roll Pin, 3/16" x 1"	12410471	13	12410471
14	10L806003	3/8" NPT 90 Elbow (2req)	12410418		N/A
	10L806004	1/2" NPT 90 Elbow (2req)	N/A	14	12410476
15	10L803009	3/8" NPT x 3" Nipple	12410419		N/A
	10L803041	1/2" NPT x 2-3/4" Nipple	N/A	15	12410428
16	10L803003	3/8" NPT x 1-1/2" Nipple	12410420		N/A
	10L803047	1/2" NPT x 4-1/2" Nipple	N/A	16	12410426
17	10L806175	3/8" NPT Union	12410520		N/A
	10L806176	1/2" NPT Union	N/A	17	12410494
	1006065	Wheel & Tire Assembly (2req)	N/A	18	12410429
	10L805329	1/2"-20 x 3" Bolt (2req)	N/A	19	12410530
21	10L348	1/8" Moisture Separator Petcock	12410485	20	12410485
22	10ME122	1/2" NPT Male 2-Lug Air Hose Coupler	13011192	21	13011192
23	10L363	1/2" NPT Full Port Brass Ball Valve	13011123	22	13011123
	10L804305	1/2"-20 Hex Nut (4req)	N/A	23	12410430
18	10L100197	Two Hole Junior Metering Valve	12410495	24	12410495
	10L803038	1/2" NPT x 2" Nipple	N/A	25	12410474
24	10L100057	Moisture Separator (inc.20&29)	12410477		N/A
	10L100129	Moisture Separator (inc.20&29)	N/A	26	12410466
25	10L806058	1/2" NPT x 3/8" NPT 90 Reducing Elbow	N/A	27	12410503
26	1011209	3/8" NPT Close Nipple	12410504	28	12410504
27	10L800719	Pressure Gauge	13011114	29	13011114
28	1003510	Media Funnel w/Screen (optional)	12410432	30	12410432
28S	1003512	Replacement Screen for Funnel 1003510	12410433	30S	12410433
29	10L66EVD	KwikFire 153 Remote Control Handle (Optional)	12410492	31	12410492
*	1090040	.35 L-Series Blast Pot Operator's Manual	N/A		N/A
*	1091034	Off - Blast - Purge Sticker	N/A		N/A
*	1091042	Marco Logo Sticker	N/A		N/A
*	1091045	Hazard Identification Tag	N/A		N/A
	10L100242	Control Lever (no grip) (old Lindsay)	12410431		12410431
	10L103LG	Control Lever Grip (old Lindsay)	12410422		12410422
	10L100050	Top Filler Plug Washer (old Lindsay)	12410459		12410459
	10L800199	Filler Plug Gasket (old Lindsay)	12410501		12410501

0.15 L-Series Blast Pot



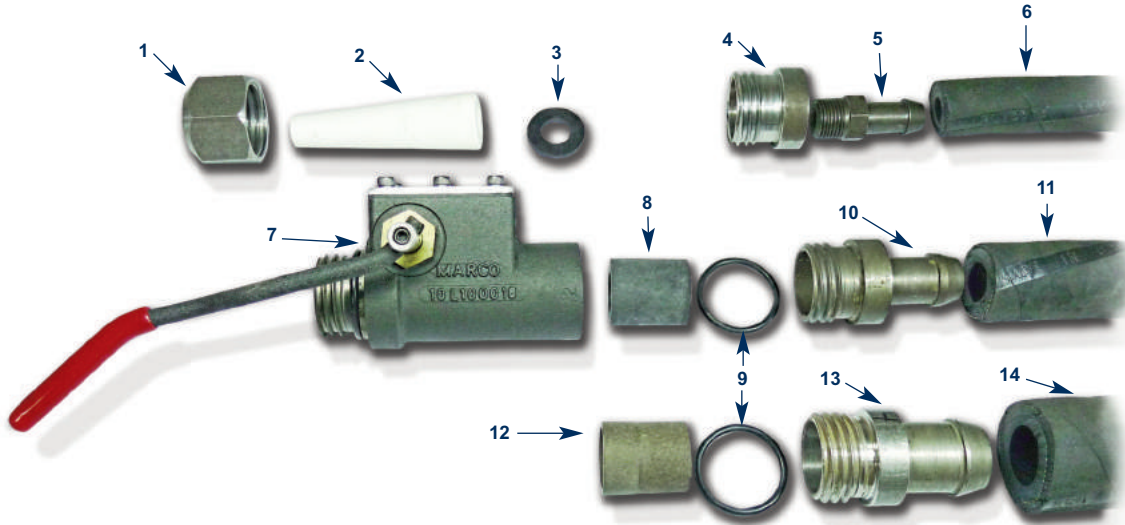
0.35 L-Series Blast Pot





Sandblast Tanks & Parts

HOSE ASSEMBLY & KWIKFIRE ASSEMBLY



Ref. #	Marco #	Description	DS Item #
1	10L100167	Nozzle Cap	12410491
2	N/A	Type 1 Ceramic Nozzle	See 9.36
3	10L66CHW	Rubber Washer	12410490
4	10L66B	Nozzle Holder Base	12410489
5	10L174	Hardened Hose Nipple (1/2")	12410455
6	N/A	1/2" I.D. Sandblast Hose (@ ft)	13011169
7	10L66EVD	KwikFire Deadman Shutoff	12410492
8	10L800236	Rubber Liner; 3/4" I.D. Blast Hose	12410609
9	10L66RR	Rubber O-Ring for 366HE	12410589
10	10L366HE	Hose End; 3/4" I.D. Blast Hose	12410572
11	N/A	3/4" I.D. Sandblast Hose (@ ft)	13011170
12	10L800237	Rubber Liner; 1" I.D. Blast Hose	12410610
13	10L466HE	Hose End; 1" I.D. Blast Hose	12410574
14	N/A	1" I.D. Sandblast Hose (@ ft)	13011172

Hose clamps are a local hardware item.

MARCO HOSE

Marco #	Description	DS Item #
10L850119	10' Hose 1/2" I.D. W/Hose Ends (2)	12410596
10L850120	25' Hose 1/2" I.D. W/Hose Ends (2)	12410597
10L850125	50' Hose 1/2" I.D. W/Hose Ends (2)	12410598



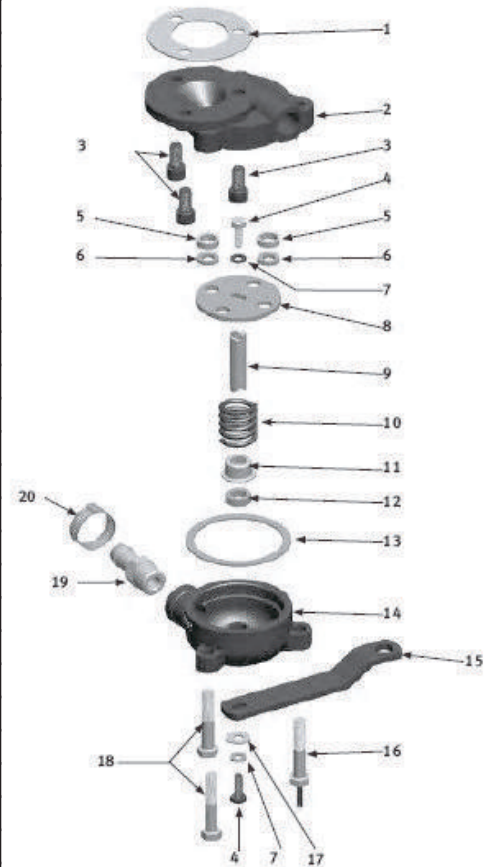


Sandblast Tanks & Parts

#	Marco #	Description	DS Item #	DS Item #	DS Item #
		TANK MODEL	.15; .35; 1.5	200EA; 300EA	300LA;600LA
			2 Hole Junior	4 Hole Junior	2 Hole Senior
1	10L301BG	Valve Body Gasket	12410479	12410479	N/A*
1	10L701BG	Valve Body Gasket	N/A*	N/A*	12410592
2	10L100009	Valve Body (includes 3 of #3)	12410457	N/A*	N/A*
2	10L100010	Valve Body (includes 3 of #3)	N/A*	12410540	N/A*
2	10L701B	Valve Body (includes 3 of #3)	N/A*	N/A*	12410591
3	10L805531	Hex Head Cap Screw (3req)	12410527	12410527	12410527
4	10L805302	Spindle Bolt (2req)	12410423	12410423	12410423
5	10LC25	Valve Cushion (2req)	12410523	N/A*	N/A*
5	10LC25	Valve Cushion (4req)	N/A*	12410523	N/A*
5	10L800001	Valve Cushion (2req)	N/A*	N/A*	12410421
6	10L100019	Valve Washer 3/8" - ID (2req)	12410458	N/A*	N/A*
6	10L100020	Valve Washer 7/16" - ID (4req)	N/A*	12410542	N/A*
6	10L100015	Valve Washer 5/8" - ID (2req)	N/A*	N/A*	12410541
7	10L805013	1/4" Lock Washer (2req)	12410424	12410424	12410424
8	10L100079	Valve Plate	12410462	12410462	N/A*
8	10L736	Valve Plate	N/A*	N/A*	12410601
9	10L100083	Spindle	12410464	12410464	N/A*
9	10L100084	Spindle	N/A*	N/A*	12410448
10	10L344	Valve Spring	12410483	12410483	12410483
11	10LC31	Spindle Packing Gland	12410524	12410524	12410524
12	10LC32	Gland, Packing (valve spindle packing)	12410525	12410525	12410525
13	10LC16	Cover Gasket	12410521	12410521	N/A*
13	10L716LG	Cover Gasket	N/A*	N/A*	12410600
14	10L100082	Valve Cover - Junior 2 Hole 1/2" NPT	12410463	N/A*	N/A*
14	10L603C	Valve Cover - Junior 4 Hole 1-1/2"-6	N/A*	12410575	N/A*
14	10L703C	Valve Cover - Senior 2 Hole 1-1/2"-6	N/A*	N/A*	12410594
15	10LC4X	Valve Control Arm	12410526	12410526	12410526
16	10L303CS	Stop Pin Bolt	12410480	12410480	N/A*
16	10L703CS	Stop Pin Bolt	N/A*	N/A*	12410438
17	10L805022	1/4" Flat Washer	12410425	12410425	12410425
17	1014017	1/4" Flat Washer	12410425	12410425	12410425
18	10L805319	Cover Bolt (2req)	12410481	12410481	N/A*
18	10L805328	Cover Bolt (2req)	N/A*	N/A*	12410438
19	10L174	Hose Nipple 1/2" NPT to 1/2" Hose End	12410455	N/A*	N/A*
19	10L366HE	Hose End Coupling 3/4" ID Hose	N/A*	12410572	N/A*
19	10L466HE	Hose End Coupling 1" ID Hose	N/A*	N/A*	12410574
20		Clamp for Blast hose	Local	Local	Local
	10L336A	Two Hole Junior Service Kit	12410482	N/A*	N/A*
	10L636A	Four Hole Junior Service Kit	N/A*	12410580	N/A*
	10L736A	Two Hole Senior Service Kit	N/A*	N/A*	12410602
	10L103	Two Hole Junior Cover w / 3-36A Kit	12410468	N/A*	N/A*
	10L603CE	Four Hole Junior Cover w / 6-36A Kit	N/A*	12410576	N/A*
	10L703CE	Two Hole Senior Cover w / 7-36A Kit	N/A*	N/A*	12410595
	10L100197	Two Hole Junior Metering Valve Complete	12410495	N/A*	N/A*
	10L100198	Four Hole Junior Metering Valve Complete	N/A*	12410434	N/A*

METERING VALVE

2 Hole Junior model .15; .35; 1.5
4 Hole Junior model 200 EA; 300EA
2 Hole Senior model 300 LA; 600 LA

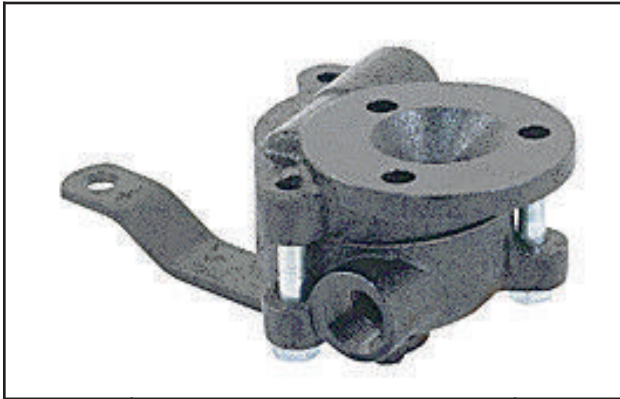


*N/A : Not applicable to Tank Model.



Sandblast Tanks & Parts

MARCO



Marco #	Description	DS Item #
10L100197	Two Hole Junior Metering Valve Complete	12410495



Marco #	Description	DS Item #
10L100198	Four Hole Junior Metering Valve Complete	12410434



Marco #	Description	DS Item #
10L336A	Two Hole Junior Service Kit	12410482



Marco #	Description	DS Item #
10L636A	Four Hole Junior Service Kit	12410580



Marco #	Description	DS Item #
10L736A	Two Hole Senior Service Kit	12410602

DS TECH TIP

Apply pipe thread sealant or Teflon tape to all pipe threads to ensure an airtight seal. Well maintained equipment; cuts down time and improves efficiency; saving you on time and money

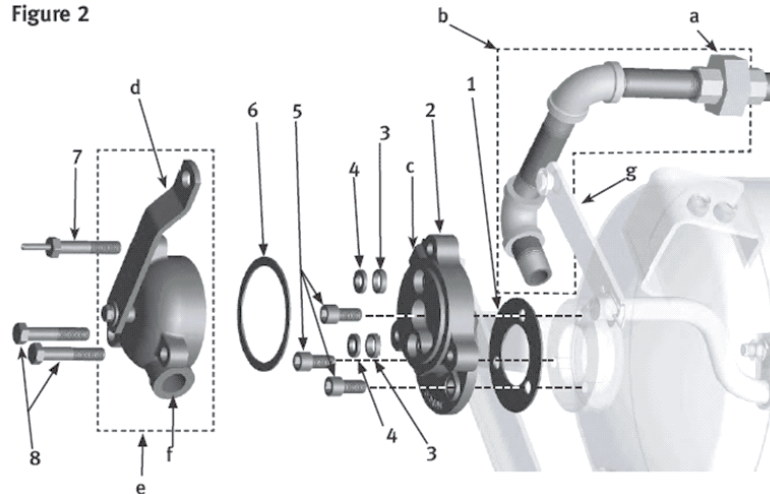


Sandblast Tanks & Parts

DS TECH TIP

MARCO BOTTOM INSTALLATION INSTRUCTION

Figure 2



1) Remove Pipe String Sub-Assembly (b) from Pipe Union (a) then install Pipe String Sub-Assembly (b) to Air Inlet (c).

2) Place Gasket (1) between Blast Machine and Valve Body (2) then secure Valve Body (2) to Blast Machine using three Hex Head Cap Screws (5). Note: Ensure alignment of Valve Body (2) to Blast Machine by orienting Air Inlet (c) to line up with Moisture Separator or air source.

3) Place Valve Cover Gasket (6) over Lip on Valve Body (2). Install Valve Cushions (3) and Valve Washers (4) into recesses of Valve Body (2). Ensure Valve Washers (4) protrude above Valve Body (2) face. Hold Valve Washers (4) in place and install Valve Cover Assembly (e) to Valve Body (2), ensuring the Blast Hose Port (f) is opposite the Air Inlet (c).

4) Locate Valve Body Stop Pin Bolt (7) through hole in Valve Cover Assembly (e) and thread into Valve Body (2). Note: Stop Pin Bolt (7) must be installed in the correct position, towards front of machine, when Two Hole Junior Metering Valve is assembled.

5) Insert remaining Valve Body Bolts (8) through Valve Cover Assembly (e) and into ValveBody (2). To assure no damage occurs during assembly, tighten Valve Body Bolts (7,8) in a circular pattern, 1/2 turn at a time, to draw Valve Cover Assembly (e) to Valve Body (2) evenly. Align Control Linkage (g) to fit with Control Lever (d) while securing Valve Cover Assembly (e) to Valve Body (2).

6) Re-attach Pipe String Sub-Assembly (b) to Pipe Union (a).

7) When all connections are tight and secure, actuate Control Lever (d) through full range of motion to ensure Valve Assembly moves freely and does not bind.

8) Attach Control Lever (d) to Control Link (g) with Control Link Pivot Assembly.



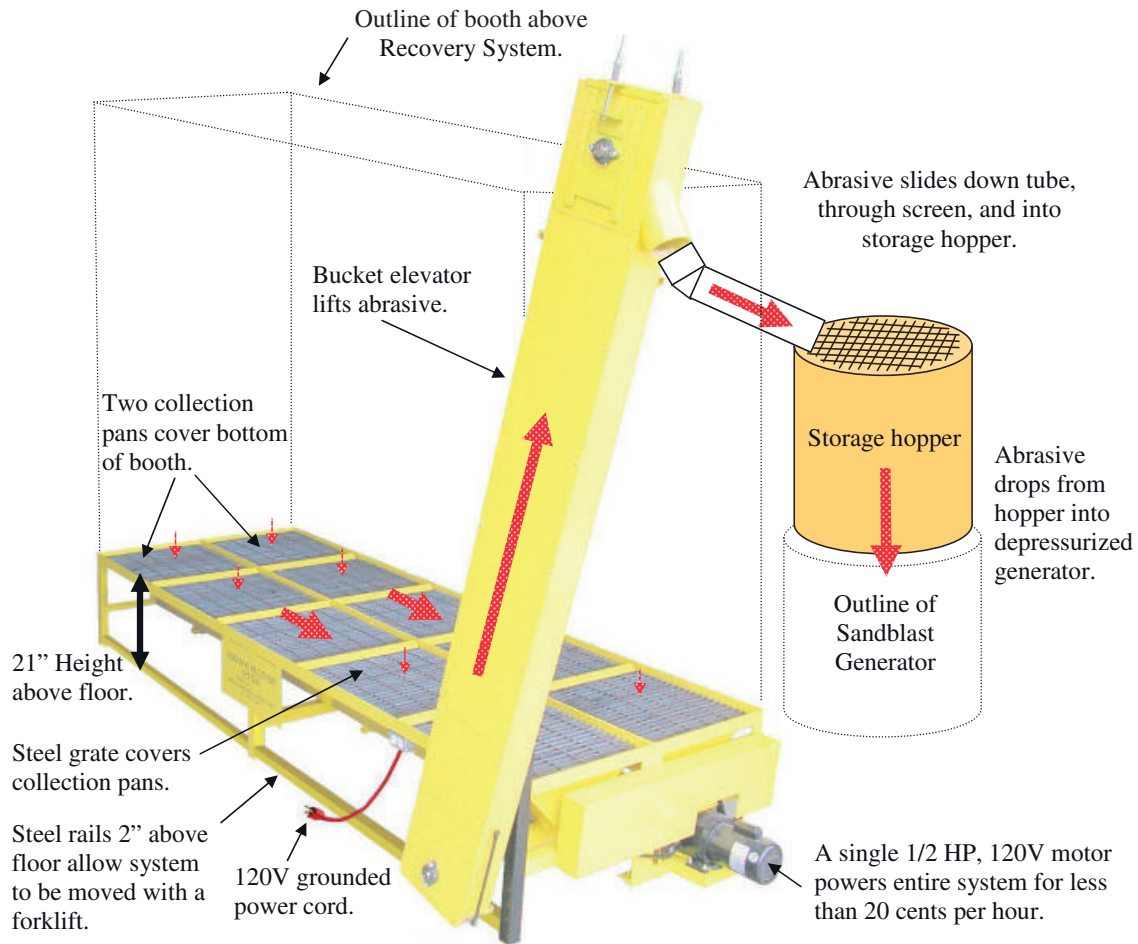
Abrasive Recovery

HIRONS ABRASIVE RECOVERY SYSTEM

The Abrasive Recovery System covers the entire bottom of an enclosed sandblast booth.

Features:

- Low profile collection pans fit under standard height roller conveyors and above existing floor.
- Fast turnaround of abrasive.
- Continuously load abrasive into storage hopper while sandblasting.
- Automatically screen abrasive as it flows into hopper.
- Healthier working conditions. Minimize worker exposure to dust inside blasting booth.
- A simple 120 volt electrical connection powers entire system. No compressed air required.
- Modular design allows speedy setup in your shop.
- Simple, reliable design will give years of operation.
- No venturi or vacuum hose to wear out.



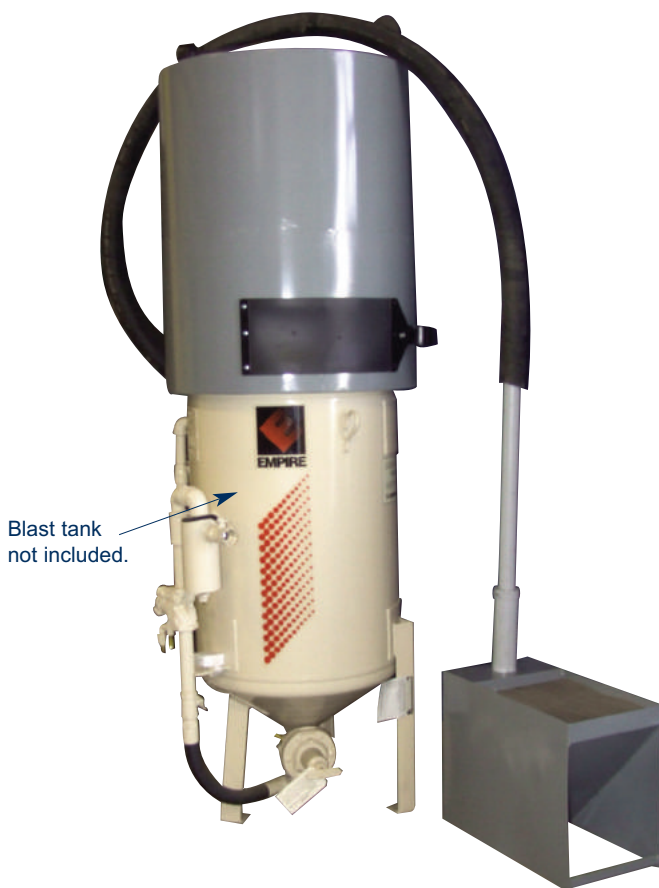
DS Item #	Description
12013322	Abrasive Recovery System for Hirons Curtains



Abrasive Recovery

5600 PNEUMATIC ABRASIVE PICK-UP

Now your air compressor does the work for you! The Pneumatic Abrasive Pick-up ends the hand lifting of abrasive when refilling the blast tank. Designed to fit on all standard blast tanks that are equipped with filler valves that have a side operated valve chain or handle and are 22" in diameter or larger. Equipment consists of a high velocity Venturi type vacuum head that is connected to your compressed air line, a storage tank having a 700 lb. abrasive capacity and also a 15 ft. length of 2" diameter vacuum hose to which is connected a suction pick-up tube. We also furnish a floor hopper to be placed inside of the blast room or, for greater convenience, it can be placed in a shallow pit located in the blast room floor



DS Item #	Description
12210162	5600 Type Pneumatic Abrasive Pick-up

*Blast tank not included.

VACUUM RECOVERY SYSTEM

Empire's Vacuum Recovery Systems quickly and economically recover media to all Empire SuperBlast® portables, as well as other pressure pots with diameters of 18, 24 or 30 inches.

These pneumatically powered systems convey as much as 140 pounds of A-36 aluminum oxide per minute - more than 8,000 pounds an hour - up a nine-foot lift with 200 cfm of air at 100 psi. Standard models, using only 100 cfm, are available for less demanding applications

Standard equipment includes:

- Storage hopper with viewing window
- High-velocity venturi head
- Two-inch adjustable carburetor
- Floor-load hopper with trash screen
- Two-inch inlet and outlet connections
- Options are available for "pull-chain" vessels Vacuum Recovery System



DS Item #	Model
12611098	VRS 18
12611097	VRS 24
12611095	VRS 30

*Blast tank not included.

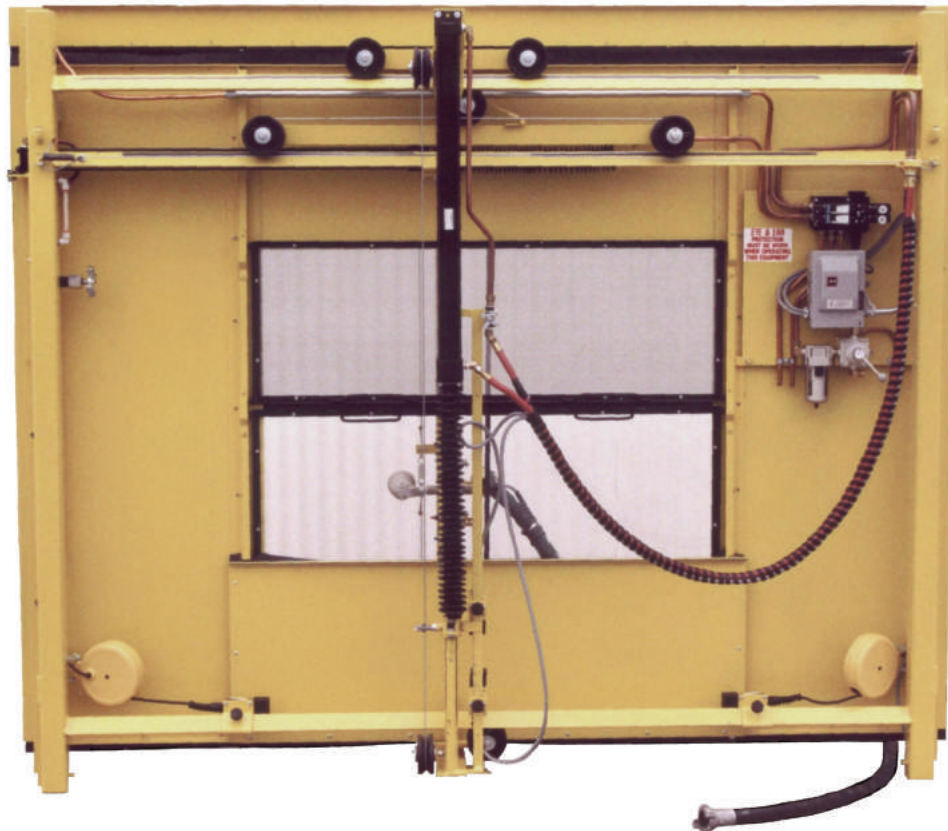


Curtains & Rooms

HIRONS MODEL "J" AUTOMATIC SANDBLASTER

The Model J Automatic Sandblaster is a complete front for a sandblasting booth. The Model J is fully assembled and test run prior to shipment. It has been proven in hundreds of retail and wholesale shops to perform under the most demanding conditions. A compact machine that is fully assembled and tested prior to shipment. Install it in less than a day. Designed for the constant motion of automatic sandblast. Not an attachment to a manual curtain. No exposed chains, sprockets, or short life components. Full range of speeds for independent control of horizontal and vertical motion. Speed of motion is adjustable during operation to "fine tune" coverage. Electrical power interruption will not stop nozzle motion in mid-stroke. Compressed air power will continue moving nozzle to extreme end of track. This safety feature provides time for operator to shutdown generator sand flow.

SECTION 9. SANBLASTING & ABRASIVES



MODEL J	8'	10'
Length	8' - 0"	10' - 0"
Min. Clearance Height	6' - 8"	10' - 8"
Weight	1175 lb	1275 lb
Nozzle Travel - Vertical	60"	84"
Nozzle Travel - Horizontal	30" Adjustable within 55" *	
Compressed Air	2 cfm	2 cfm
Electrical Requirement	7 amp. / 120 volt	7 amp. / 120 volt
DS Item #	12013300	1203299

We stock replacement parts including the stainless steel sight screen.



Curtains & Rooms

OPTIONS AVAILABLE FOR MODEL "J"

Preset Counter Option

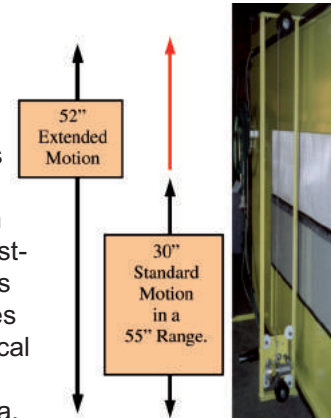
An electrical controller that counts the number of vertical passes over the work area. When a preset number of passes is reached, the counter sends an electrical signal to an external device (not provided with Model J). The external device may control abrasive flow, operate a signal light, or sound a horn.



DS Item #
12113391

Extended Vertical Motion Option

A standard Model J provides 30" of vertical nozzle travel that can be set anywhere on the 55" track. A manual adjustment of the nozzle position is required. This option provides up to 52" of continuous vertical motion by the nozzle as it sweeps across the work area. No manual adjustment is required.



DS Item #
12113392

Manual Rubber Curtain Option

Rubber curtain that is inserted in bottom half of front opening. This curtain allows manual sandblasting through front of Model J.



DS Item #
12113329

Electric Quick Shut-Off Valve

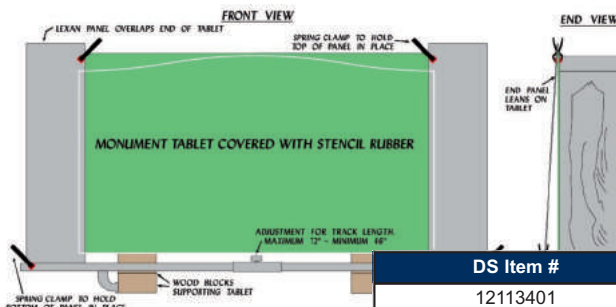
Push button start/stop control for Empire generator with Sure-flo Valve. Works with Model "J" preset counter to automatically turn off abrasive flow after a preset number of passes.



DS Item #
12113451

Protective End Panel Option

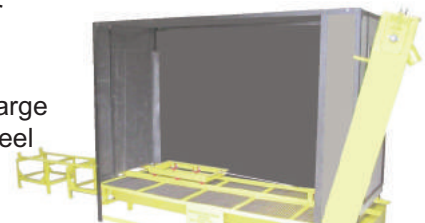
Protective panels overlap each end of tablet to guard against accidentally frosting ends and back of tablet.



DS Item #
12113401

Optional Hiron's Sandblast Booth

Prefab enclosure mounts above Abrasive Recovery System. Booth offers quick assembly and sturdy construction. Steel frame with reinforced corners for rigidity. Tough rubber sheeting provided to protect interior from sandblast erosion. Large doors with welded steel frames on each end of booth.



Abrasive Recovery System not included.

DS Item #
12113420

ABRASIVE RECOVERY SYSTEM

During sandblasting operation, the Recovery System continuously captures, moves, and lifts spent abrasive. The Abrasive Recovery System eliminates sweeping and shoveling hundreds of pounds of abrasive in each sandblasting cycle. *Please see page 8.26.*

DS Item #
12013322



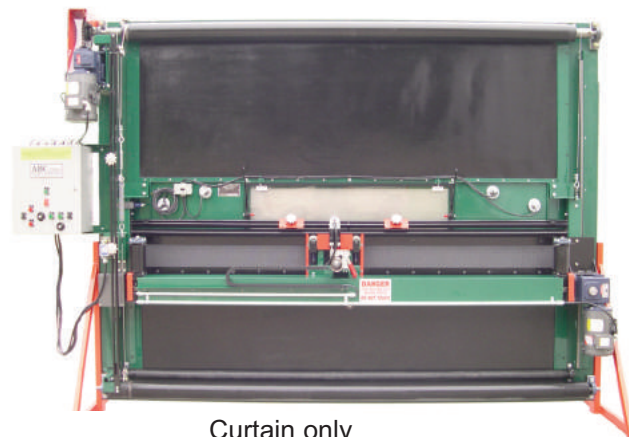
Curtains & Rooms

ABC ELECTRIC AUTOMATIC ABRASIVE BLASTER

Automatic electric abrasive blasting ABC is the answer to fast and accurate production at a lower cost. Totally enclosed to minimize abrasive loss from the room. The blasting nozzle is always directed squarely at work for a precision cut. Vertical and horizontal travel can be quickly and easily adjusted to desired speed and length of travel. The ABC will perform every kind of surface finishing from a light frost to deeply carved letters and designs. All components are fabricated to rigid quality standards. The electric motors are industrial quality oil and dust tight units. Each unit is built complete and thoroughly tested by manufacturer for immediate installation.

Length	11' - 8"
Min. Clearance Height	7' - 7"
Weight	1675 lb
Nozzle Travel - Vertical	46"
Nozzle Travel - Horizontal	82"
Motor	3 HP - 220V 1PH
Electrical Requirement	3 HP feeder 220V

DS Item #	12210088
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Curtain only



Curtain with blast room

Complete Blast Room Option Available!

MANUAL CURTAIN

Complete room front curtain for manual blasting. This curtain is designed for convenience is hand blasting and will keep abrasive and dust from escaping your blasting room when properly installed. The fully extended viewing window is mounted onto the midsection door that can be raised up and away for hands on inspection of work progress. Four-ply apron allows operator to move blasting hose and nozzle back and forth with ease. Protected pillow block bearings allow curtain to be raised and lowered with little effort. Three protected light sockets are mounted inside for better visibility.

Height	7'6"
Width	7'6"
Horizontal Blast	6' - 1"
Vertical Blast	4' - 3"
Opening of Insp. Door	2'0 x 6'1
Lights	3
Weight	720 lb

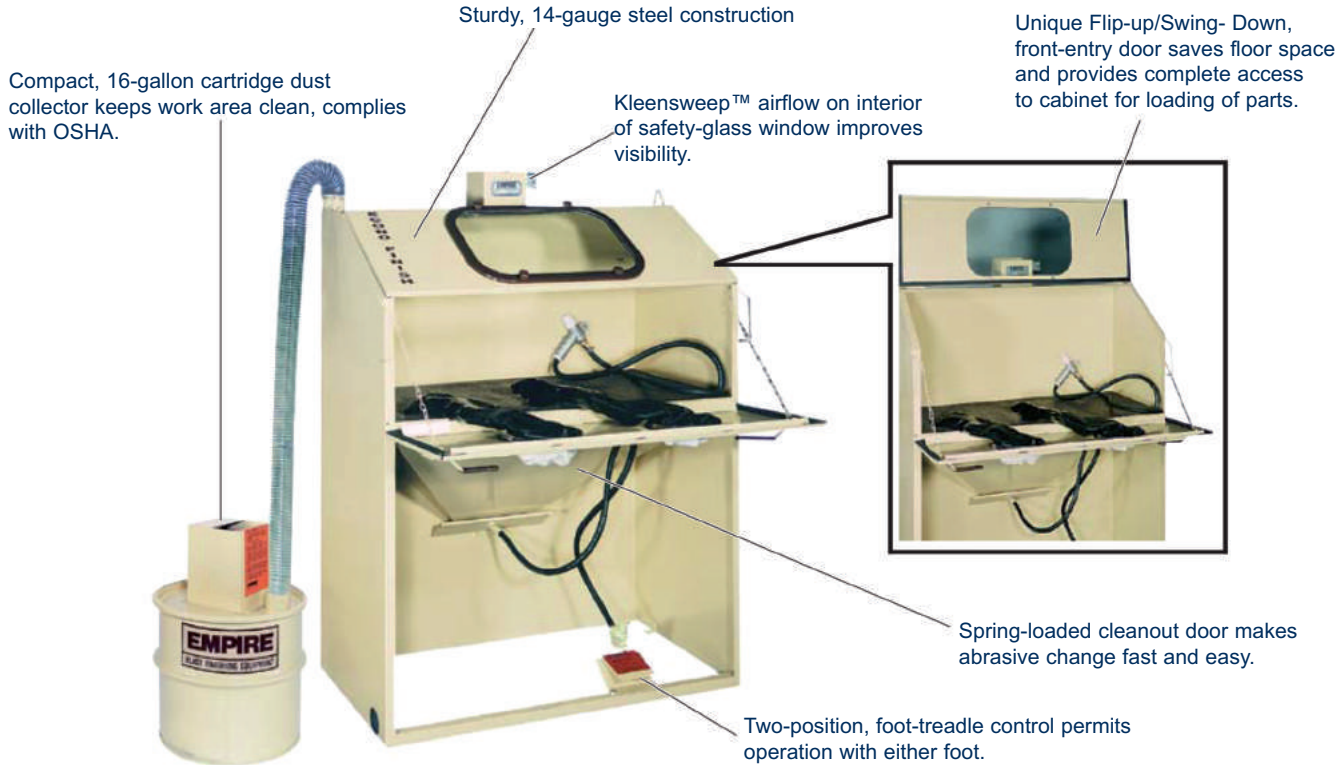
DS Item #	12210097
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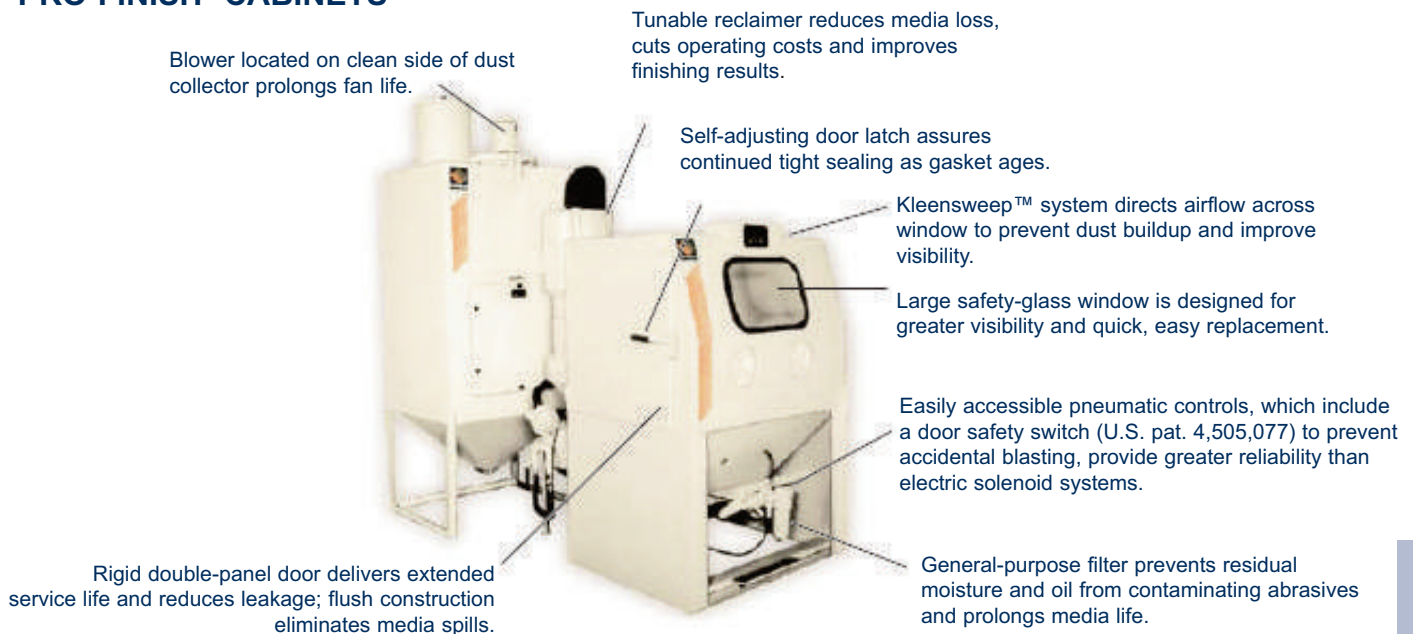


Cabinets

ECO-FINISH® CABINETS



PRO-FINISH® CABINETS



Please call for additional information and pricing.



Cabinets

SUCTION BLAST CABINETS

E-Series blast cabinets are designed for use with glass beads and can tackle hundreds of various applications from the automotive and industrial markets. These blast cabinets come standard with rugged industrial quality components typically found only on more expensive high production machines.



S-SERIES

Unit Illustrated: Model S4836-6F, high production blast cabinet c/w 600 cfm reclaimer, 600 cfm multi-bag dust filter cabinet, and 4-lamp/dual fixture lighting system. All "Mod-U-Blast®" S-Series cabinets are constructed with heavy duty 14 gauge steel, external lighting system, safety glass viewing window, and overlapping postive tension doors. With Mod-U-Blast®'s exclusive modular design it becomes easy to choose the system that best suits your budget and your specific blast cleaning application. (Ten common sizes are available.) All systems can be easily upgraded at any date with Mod-U-Blast®'s adapatable production upgrade kits. Perforated steel floors come standard - no expanded metal. Mod-U-Blast® also offers several add-options for all models.



P-SERIES

The Mod-U-Blast® "P Series" Pressure Dry Blast Cabinets were engineered for maximum production (3 to 4 times faster than standard suction blasting - "S Series"). Mod-U-Blast® Pressure Cabinets are equipped with a Pneumatic Valve for optimum safety and blast media flow, direction and velocity (foot pedal operated). Pressure systems give the control needed to clean at gentle pressures (10 to 20 psi) or aggressive cleaning as high as 110 psi. Minimum pressure with Suction Systems is 30 to 40 psi.





Sandblast Nozzles

NORTON NORBIDE NOZZLE

Our most popular nozzle, recommended for its consistency and long lasting performance.

DS TECH TIP

Turn nozzle 1/4. Turn clockwise every day for longer and consistent wear.



CONICAL TYPE

DS Item #	Orifice	Description
13011289	5/32"	3-3/4"
13011290	1/8"	3-3/4"
13011291	7/32"	3-3/4"
13011292	3/16"	3-3/4"
13011293	1/4"	3-3/4"

VENTURI TYPE

DS Item #	Orifice	Description
13011294	3/16"	For automatics
13011295	1/4"	For automatics

GRANITE/PRO CARBIDE NOZZLE

An economical carbide nozzle. Great value and performance

DS TECH TIP

Turn nozzle 1/4. Turn clockwise every day for longer and consistent wear.



CONICAL TYPE

DS Item #	Orifice	Description
13013414	3/16"	3-3/4"
13013415	5/32"	3-3/4"
13013416	1/4"	3-3/4"
13013427	1/8"	3-3/4"

VENTURI TYPE

DS Item #	Orifice	Description
13013417	3/16"	For automatics
13013418	1/4"	For automatics

CARBIDE SHAPE CARVING NOZZLES

Top quality. Great value.



DURO CARBIDE #2

DS Item #	Orifice	Description
13011283	3/32"	1-5/16" long
13011284	1/8"	1-5/16" long

DURO CARBIDE #3L

DS Item #	Orifice	Description
13011350	3/32"	1-5/16" long
13011351	5/64"	1-5/16" long

DURO CARBIDE #3L W/CAP

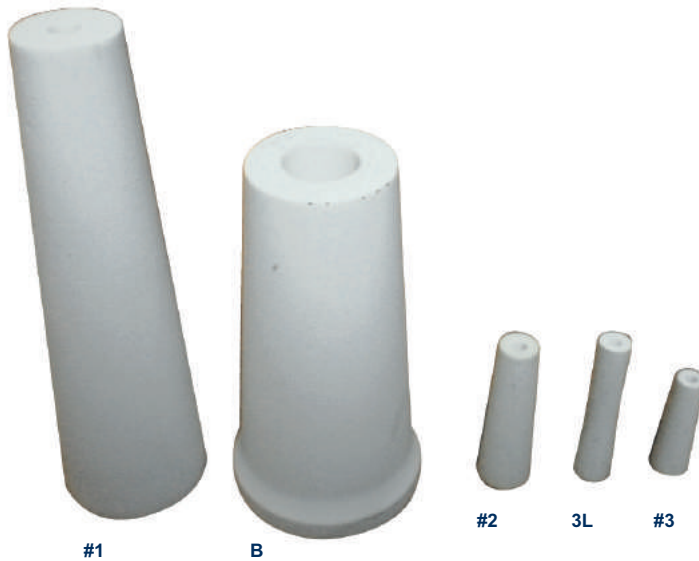
DS Item #	Orifice	Description
13011321	3/32"	1-5/16" long
13011322	5/64"	1-5/16" long



Sandblast Nozzles

CERAMIC NOZZLES

These sapphirite nozzles are precision made to a uniform specifically for the sandblast industry.



#1 TAPER

DS Item #	Orifice	Description
13011266	1/4"	3-3/4" long
13011267	1/8"	3-3/4" long
13011268	3/16"	3-3/4" long
13011269	3/32"	3-3/4" long
13011270	3/8"	3-3/4" long
13011271	5/16"	3-3/4" long
13011272	5/32"	3-3/4" long

TYPE B - BLUING NOZZLE

DS Item #	Orifice	Description
13011280	1/2"	2-13/16" long
13011281	3/8"	2-13/16" long

#2 TAPER

DS Item #	Orifice	Description
13011340	1/8"	1-5/16" long
13011341	3/32"	1-5/16" long
13011342	5/32"	1-5/16" long
13011343	7/64"	1-5/16" long

3L

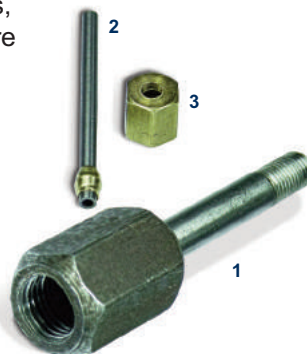
DS Item #	Orifice	Description
13011345	3/32"	1-5/8" long
13011346	5/64"	1-5/8" long

#3

DS Item #	Orifice	Description
13011344	3/32"	15/16" long

DEEP CARVING GOLD BAND NOZZLES

The unit is for deep carvings, such as roses. 2" nozzles are available in carbide only.



No.	DS Item #	Description
1	13011348	Nozzle Holder
2	13011347	Carbide 2" Gold Band Nozzle
3	13011349	Nozzle Cap (carbide nozzle) Larger Hose

CERAMIC NOZZLES



DS Item #	Orifice	Description
12612007	1/4"	CL197-4
12612008	5/16"	CL197-5

DS Item #	Orifice	Description
12612010	3/16"	CL198-3
12612012	1/4"	CL198-4



HARDENED HEX HOSE NIPPLES

These hose nipples are hardened to specs, to resist the most rigid sandblast media. They will outlast any on the market today.



No.	DS Item #	Description
1	13011258	1/4" NPT X 3/8" HE
2	13011259	1/4" NPT X 1/2" HE
3	13011255	3/8" NPT X 1/2" HE
4	13011260	3/8" NPT 5/8" HE
5	13011256	1/2" NPT X 1/2" HE
6	13011261	1/2" NPT X 3/4" HE
7	12410455	I-74 Marco

ADAPTERS

Fits most common nozzle to hose combinations



No.	DS Item #	Description	What Fits	Nozzle Nut
1	13011241	BK-397	Bk-396 - BK-439 - BK-754 - Arc Cap	#2 Ceramic / Duro
2	13011311	DS-311	84C - 84D	#3 - 3L Ceramic / Duro
3	13011301	84CH	84C - 84D	#3 - 3L Ceramic / Duro
4	13011242	BK-439	BK-396	#3 - 3L Ceramic
5	13011246	BK754	BK-755	#3 - 3L Ceramic
6	13011237	Bk-39/390 Pipe	BK-396 - BK-755	#3 - 3L Ceramic
7	13011238	BK-388 Pipe	BK-396 - BK-439 - BK-754 - Arc Cap	

CAPS

Shape carving nozzle caps, ask our sales representative to set you up the right way.



No.	DS Item #	Description	What Fits	Nozzle Nut
1	13011239	BK-395	BK-388 - BK-397 - DS-252	#2 Ceramic / Duro
2	13011303	Arc Cap	BK-388 - BK-397 - DS-252	#2 Ceramic / Duro
3	13011240	BK-396	BK-439 - BK-39/390	#3 - 3L Ceramic
4	13011247	BK-755	BK-39/390 - BK-754	#3 - 3L Ceramic
5	13011300	84C	84CH - DS-311	#3 - 3L Ceramic
6	13011282	84D	84CH - DS-311	3L Duro



Hoses

CONTRAMINE YELLOW AIR HOSE

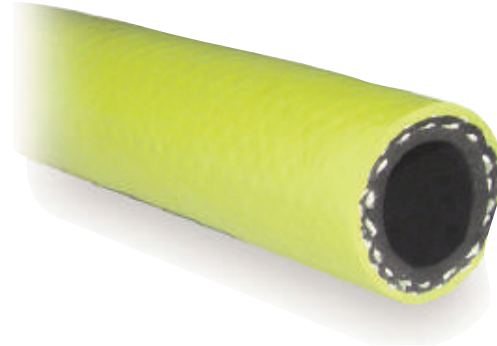
For mining construction and industrial use where 300 PSI service is required. Temperature range: -40F to + 185F
Great for outdoor use. Maximum continuous length 50ft.



DS Item #	I.D Inches	O.D Inches
13011164	1/2"	0.91
13011166	3/4"	1.18
13011165	1"	1.46

JACKHAMMER HOSE

A long length air hose construction and general industry.
300 PSI - Temperature Range: -40F to +180F
Great for outdoor use. Continuous length up 700ft.
Recommended for hose reels.



DS Item #	I.D Inches	O.D Inches
13011117	1/2"	0.88
13011118	3/4"	1.16
13011217	1"	1.43

EPDM GENERAL SERVICE HOSE

An economical EPDM multipurpose hose used in industrial applications. Red is generally used for air.
Temperature range: -20C° to 93C°



DS Item #	I.D Inches	O.D Inches
13011211	1/4"	0.61
13011163	3/8"	0.70
13011161	1/2"	0.88
13011212	3/4"	1.16
13011208	1"	1.37

POLYAIR HOSE

A low temperature hose for air, water and mild water-soluble chemicals. Tube and cover are silicone free.



DS Item #	I.D Inches	O.D Inches
13013399	3/8"	.625
13011230	1/2"	.813



Hoses

GOODYEAR SANDBLAST HOSE

For conducting sand, steel shot & other abrasives for sandblast 150 PSI.

Application:

- Heavy-duty hose for steel shot or sandblasting in cleaning or finishing metal, stone, glass, or other surfaces.
- TUBE: Tufsyn® synthetic rubber (static dissipating/static conductive).
- COVER: 2 ply: Black Plioflex® synthetic rubber (wrapped impression)



EXTREMELY DURABLE



DS Item #	I.D Inches	O.D Inches
13011169	1/2	1.125
13011170	3/4	1.500
13011172	1	1.875
13011171	3/8	0.750
13011215	2	2.875

180AR ABRASION RUBBER SUCTION

Suction & discharge of dry materials such as sand, crushed rock, cement, etc. Suitable for full vacuum.



DS Item #	I.D Inches	PSI	O.D Inches
13011396	2	40	2.35

INDUSTRIAL VACUUM

A rugged flexible heavy duty vacuum. Pure gum rubber liner.



DS Item #	I.D Inches	PSI	O.D Inches
13011149	2	140	2.32

FLEX THANE MD POLYURETHANE

Exhaust Hose.



CLEAR

DS Item #	I.D Inches	PSI	Centerline Bend
13011207	3	29	3.00

BLACK

DS Item #	I.D Inches	PSI	Centerline Bend
13011154	4	30	3.10
13013380	6	11	4.54
13011157	7	22	5.00
13011158	8	6.5	5.50



Connectors & Nipples

STEEL HEX NIPPLE

Hex nipples have long shanks for extra fitting retention and collars for interlocking clamps. For air hose only



DS Item #	Shank	NPT
13011178	3/8"	1/4"
13011176	1/2"	1/4"
13011177	1/2"	3/8"
13011175	1/2"	1/2"
13011231	3/4"	1/2"
13011218	3/4"	3/4"

COMBINATION NIPPLES

Widely used in a variety of low-pressure industrial hose applications



DS Item #	Size
13013431	1-1/4"
13011174	2

HIGH PRESSURE MENDERS

For joining two hoses together. Hose clamps needed to secure.



DS Item #	Size
13011138	1/2"
13011139	3/4"

TANK COUPLERS

For quick connection from the tank to the hose end.



DS Item #	Description	NPT
12610927	Aluminum	1-1/4"
12610617		1-1/2"
12610928	Brass	1-1/4"

ALUMINUM HOSE COUPLERS

Aluminum blast hose couplings are a widely used, economical way to join sections of hose together. Lightweight aluminum couplings stand up to most weather conditions and daily use



DS Item #	Description
12610722	1/2" I.D. X 1-1/8" Sandblast hose
12610895	3/4" I.D. X 1-1/2" Sandblast hose
12610898	1" I.D. X 1-7/8" Sandblast hose
12610899	1-1/4" I.D. X 2-5/32" Sandblast hose
12610901	1-1/2" I.D. X 2-3/8" Sandblast hose
12610794	Replacement washer

COUPLING SCREWS AND SAFETY CLIPS

You've chosen the right couplings; now make sure they hold tight with the correct screws and safety clips.





Connectors & Nipples

HOSE END WITH LOCKING SLEEVE



DS Item #	Size	lbs.
13011128	1/2" HE	0.52
13011219	3/4" HE	0.58

MALE PIPE THREAD. NO LOCKING SLEEVE



DS Item #	Size	lbs.
13011102	1/2" NPT	0.36
13011104	3/4" NPT	0.45

MALE PIPE THREAD WITH LOCKING SLEEVE



DS Item #	Size	lbs.
13011394	1/2" NPT	0.52
13011385	3/4" NPT	0.74

FEMALE PIPE THREAD. NO LOCKING SLEEVE



DS Item #	Size	lbs.
13011395	1/2" NPT	0.42
13011130	3/4" NPT	0.52

FEMALE PIPE THREAD WITH LOCKING SLEEVE



DS Item #	Size	lbs.
13011393	1/2" NPT	0.50
13011197	3/4" NPT	0.62

NITRILE GASKET



DS Item #
13013382



Connectors & Nipples

UNIVERSAL QUICK ACTING HOSE ENDS

Universal couplings are used in lower pressure air applications such as jackhammers. Simply press two universal ends together and twist until they are locked together. Male and female ends are available for installation to equipment. Not for pressure over 115 psi.

2-LUG HOSE ENDS LOOSE



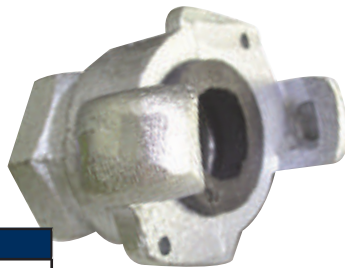
DS Item #	Size
13011191	3/8"
13011188	1/2"
13011190	3/4"
13011189	1"

BLANK ENDS



DS Item #
13011183

FEMALE 2-LUG



DS Item #	Size
13011181	1/4"
13011187	3/8"
13011184	1/2"
13011186	3/4"
13011185	1"

MALE END 2-LUG



DS Item #	Size
13011182	1/4"
13011195	3/8"
13011192	1/2"
13011194	3/4"
13011193	1"

TRIPLE CONNECTORS



DS Item #
13011196

WASHERS

Quick change



DS Item #	Size
13011226	3/8-1



Fittings

WHIP CHECK SAFETY CABLES

Safety cables should be installed in the extended position with no slack. For air service the maximum working pressure is 200 psi.



DS Item #	Description
13011386	1/8" Cable for 1/2" to 1-1/4" O.D. hose
13011387	1/4" Cable for 1-1/2" to 3" O.D. hose

BRASS BALL VALVES - FULL PORT

Features:

- Forged brass construction
- Chrome plated brass ball
- Teflon seat, seals & washers
- Integrated locking handle
- Blow out proof system
- 40°C to +150°C
(-40°F to +302°F)



DS Item #	Description
13011124	1/4"
13011202	3/8"
13011123	1/2"
13011201	3/4"
13011115	1"
13011116	1-1/4"
13011122	1-1/2"
13011125	2"

OETIKER 2 EAR CLAMPS

Zinc plated two ear clamps used for air hoses. Not for high pressure sandblast hose.

Note: Check the hose O.D. before ordering.



DS Item #	Size	Inside Dia. (Inches)	
		Closed	Open
13013387	3/8"	.315	.433
13013388	1/2"	.433	.512
13013393	5/8"	.591	.708
13013389	3/4"	.669	.787
13013390	7/8"	.787	.905
13013391	15/16"	.866	.984
13013394	1-1/8"	1.063	1.220

OETIKER PINCERS

Used for Oetiker one ear clamp, two ear clamp and stepless clamps 1098 standard "straight-jaw" pincers.



DS Item #
13013392



Stencils & Fillers

Stencil Guide 10.2

Computer-Cut 10.5

Hand-Cut and Friction Fed 10.11

Fillers 10.14

Stencil & Filler Accessories 10.15



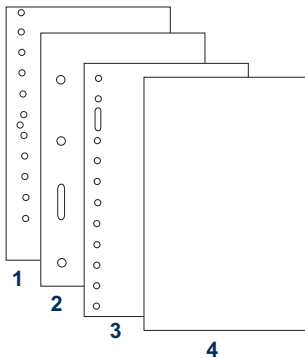


Stencil Guide

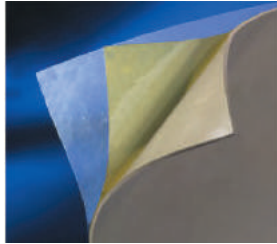
WHETHER COMPUTER, DIE OR HAND CUTTING WE DELIVER MONUMENTAL QUALITY!

Our sandblast Stencils help assure cost effective design production. Quality stencil allows hassle free cutting performance that yields consistently professional results:

- Includes single and double liner products for friction, slot and tractor fed plotters as well as hand and die-cutting.
- Cuts evenly as a result of uniform stencil thickness through out the roll
- Reduces picking and weeding time with clean, visible cut marks.
- Prevents plotter jams because powder stays in place.
- Eliminate shrinkage by minimizing stretch.



- 1 - 1/2" Center - IBM
2 - Gerber - Original
3 - Gerber - Slot Feed
4 - Friction Feed, Flat Bed, Die or Hand Cut



Double Liner Stencils

- Added support for "islands" in letters
- Typically used on computer plotters
- Available in tractor and slot patterns
- Eliminates the need for application tape



Single Liner Stencils

- Various liner construction for maintaining design integrity
- Use with either computer or stencil press equipment



Hand or Die-cut Stencils

- Single liner construction
- Cutouts remove cleanly to avoid design distortion
- Easy cutting stencil reduces wear on knives/dies

Regardless of which stencil product you select, you can expect excellent and consistent performance.

Hand-cut and die-cut stencils can be utilized in a friction fed plotter application depending on you plotter.

STENCIL ROLLERS KNIVES & REPLACEMENT BLADES See section 11 **Drafting & Layout.**

STENCIL CUTTER / PLOTTER See section 11 **Drafting & Layout.**

Stencil Guide

3M SANDBLAST STENCIL PRODUCT GUIDE



Gerber Compatible (slot fed)
IBM Compatible (tractor fed)
Friction Fed' and Hand-Cut
Rubber Color
Liner Materials & Thickness (mils)
Total Thickness (mils)
Comments

DOUBLE LINER	519Y			■	-	Polyester 1.0 Polypropylene 2.0	45	<ul style="list-style-type: none"> ■ Yellow, translucent polyester inner liner ■ White, polypropylene outer liner
	519YS	■						
	519YT		■					
	519YP			■	-	Polyester 1.5 Polyester 4.0	47	<ul style="list-style-type: none"> ■ 519YP - 4 mil PET liner ■ Premium products ■ Yellow, translucent polyester inner liner ■ Extra thick, translucent polyester outer liner ■ High adhesion level for double lined products ■ Wide format available
	519YPS	■						
	519YPT		■					

SINGLE LINER	507			■	Green	Polyester 2.0	43	<ul style="list-style-type: none"> ■ Green, high liner release ■ Ideal for letter press operations
	510					Polyester 2.0	42	<ul style="list-style-type: none"> ■ Translucent, easy liner release
	520			■	-	Polyester 2.0	45	<ul style="list-style-type: none"> ■ Translucent, easy liner release ■ High adhesion ■ ETL extra thick version available
	520S	■				Polyester 2.0	45	<ul style="list-style-type: none"> ■ Translucent, high liner release ■ High adhesion
	520T		■					
	1532			■	Green	Polyester 4.0	37	<ul style="list-style-type: none"> ■ Extra thick, translucent, high liner release ■ Highest adhesion for single liner products
	1532S	■						
	1532T		■					

FILLER GUIDE

Product	Coating Base	Color	Consistency	Available Size	Comments
2	Rubber	Light Beige	Syrupy	Quarts, Gallons	Designed for smooth and polished surfaces. More aggressive than #3
3	Rubber	Light Beige	5x more viscous than Filler #2	Gallon	Typically used on axed or frosted surfaces



Derusha Supply is the exclusive distributor of 3M stencils & fillers in Canada.



Stencil Guide

ANCHOR STENCIL PRODUCT GUIDE



Anchor Stencil Products have long been a leader in the monument stencil industry. These products continue to produce consistently high quality results. You'll find a variety of versatile stencils and fillers for every application imaginable. Anchor stencils from Intertape provide superior blast resistance, precise and intricate design capabilities, clean transfers, smooth and accurate tracking and a convenient selection of sizes.

SINGLE LINER	Product Specifications					Cutting Methods			
	Product Number	Width (n.)	Length (yds.)	Adhesive Tack	Average Thickness (mils - w/o liner)	Hand Cut	Friction Feed	Sprocket Feed Gerber Punch	Sprocket Feed 1/2" Center Punch
	111	10-1/2, 12-3/4, 14-1/2, 18-3/4, 25, 30-1/2	10	M	43	■			
	116	15, 30	10	H	33		15	15, 30	15
	117	15, 30	10	M	33		15	15, 30	15
	125	25	10	H	36	■			
	153	19-7/8, 24	10	M	20	■	■		
	156	30	10	H	33		■	■	■
	157	30	10	M	33		■	■	■
	T226	15, 20, 25, 30	10	H	22	■		■	
	T227	25	10	M	22	■	■		

DOUBLE LINER	123	10-1/2, 12-3/4, 14-1/2, 18-3/4, 25, 30, 30-1/2	10	M	48	■			
	123Y	12-3/4, 18-3/4, 25, 30,	10	M	48	■			
	124	15, 30	15, 30	M	48			■	
	129Y	15, 25, 30	10, 20	M	45		■	15	25, 30
	154	15, 18-3/4, 25, 30	10, 20	M	48			■	■
	154Y	15, 25, 30	10, 20	M	48			■	■
	155	19-7/8, 24	10, 20	H	48		■		

Computer-Cut

3M 519YS

Tan color rubber slot feed computer cut sandblast stencil. Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a white, polypropylene outer liner. The translucent yellow inner liner provides heightened visibility of cut designs. Slot feed format is compatible with Gerber plotters.



DS Item #	Description
11020047	15" x 10 yd.
11020048	30" x 10 yd.
11020049	30" x 20 yd.

3M 519YT

Tan color rubber tractor feed computer sandblast stencil. Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a white, polypropylene outer liner. The translucent yellow inner liner provides heightened visibility of cut designs. Tractor feed format is compatible with IBM plotters.



DS Item #	Description
11020050	15" x 10 yd.
11020043	18 3/4" x 10 yd.
11013332	21" x 10 yd.
11020044	25" x 10 yd.
11020045	30" x 10 yd.
11013310	25" X 20 yd.
11020046	30" x 20 yd.

3M 519YPS

Tan color rubber slot feed computer cut sandblast stencil. Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a translucent, polyester 4 mil outer liner. The translucent yellow inner liner provides heightened visibility of cut designs. Slot feed format is compatible with Gerber plotters.



DS Item #	Description
11020055	15" x 10 yd.
11020056	30" x 10 yd.
11020057	30" x 20 yd.

3M 519YPT

Tan color rubber tractor feed computer sandblast stencil. Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a translucent, polyester 4 mil outer liner. The translucent yellow inner liner provides heightened visibility of cut designs. Tractor feed format is compatible with IBM plotters.



DS Item #	Description
11020058	15" x 10 yd.
11020059	25" x 10 yd.
11020060	27-1/2" x 10 yd.
11020061	30" x 10 yd.
11020062	32-3/4" x 10 yd.
11020063	25" X 20 yd.
11020064	30" x 20 yd.



Computer-Cut

3M 520S

Tan color rubber slot feed sandblast stencil. Features a rubber adhesive (gray) with a clear 2 mil polyester liner. Slot feed format is compatible with Gerber plotters. A premask tape can be used to transfer the stencil once the liner has been removed.



DS Item #	Description
11013224	15" x 10 yd
11013225	30" x 10 yd
11013226	30" x 20 yd

3M 1532S

Green color rubber slot feed sandblast stencil. Features a rubber adhesive with a translucent 4 mil polyester single liner. Slot feed format is compatible with Gerber plotters. A premask tape can be used to transfer the stencil once the liner has been removed. This is a thinner stencil, 37 mil total thickness.



DS Item #	Description
11020034	15" x 10 yd
11020035	30" x 10 yd

3M 520T

Tan color rubber tractor feed sandblast stencil. Features a rubber adhesive (gray) with a clear 2 mil polyester liner. Slot feed format is compatible with IBM plotters. A premasking tape can be used to transfer the stencil once the liner has been removed.



DS Item #	Description
11013227	15" x 10 yd
11013261	18" x 10 yd
11013228	25" x 10 yd
11013229	30" x 10 yd

3M 1532T

Green color rubber tractor feed sandblast stencil. Features a rubber adhesive with a translucent 4 mil polyester single liner. Slot feed format is compatible with IBM plotters. A premasking tape can be used to transfer the stencil once the liner has been removed. This is a thinner stencil, 37 mil total thickness.



DS Item #	Description
11020036	15" x 10 yd
11020038	30" x 10 yd

DS TECH TIP

Rotate your existing stencil stock to the front when storing your latest order of stencil. Always use the oldest stock first, the shelf life is important to a quality product.

The run number on the stencil is mandatory for trouble shooting if a problem arises. This run number is located on the exterior label of the carton and on a label inside of the interior tube of the stencil roll.

Computer-Cut

ipg 116

A high-tack computer stencil for use on raw wood surfaces and HDU foam board. Features trimmed edges and a strong, clear film liner that offers easy alignment and smooth, precise running on computerized sign-making machines. The 30" width will track only through a large pin plotter and the stencil rubber extends to the edge of liner.



CAUTION : This stencil is very aggressive and is not recommended for use on some woods without first testing a sample piece. Do not use on pre-painted, pre-treated or glass surfaces.

DS Item #	Description
11010015	15" x 10 yd
10010016	30" x 10 yd

ipg 117

Designed for use with computerized cutting machines. Trimmed edges on 15" roll allows smooth and easy tracking through the machine. A strong, clear film liner provides extra rigidity. The 15" width will track through most computer cutters. The 30" width will track only through a large pin plotter and the stencil rubber extends to the edge of liner. After letters and designs are cut, they must be taped for transferring the stencil to stone. Use with Intertape®/Anchor Filler #211.



DS Item #	Description
11010017	15" x 10 yd
11010018	30" x 10 yd

ipg 124

Same construction as #123, also with blue liner. A sheet of 1-mil polyester film between outside adhesive and rubber serves to hold letters and designs in place while transferring from computer to die. The holes are punched through the liner and rubber. For best results, use with Intertape® / Anchor filler # 223 or # 333. Note: 30" widths will work with large pin 30" plotters.



DS Item #	Description
11010028	15" x 10 yd
11010029	30" x 10 yd
11010030	30" x 20 yd

ipg 129Y

Designed for use on most computer cutters, this product has a clear, 3-mil polyester film liner. Rubber is trimmed back from edges so only the liner runs through the computer sprocket system. A sheet of 1-mil yellow polyester film between outside adhesive and rubber holds centers in place while transferring stencil from computer to granite or marble. The 15" width can also be used on most computer cutters, but the 30" width will work only on cutters with standard 1/2" on center sprocket system. Use with Intertape® /Anchor Filler # 223.



DS Item #	Description
11010065	15" x 10 yd
11010095	25" x 10 yd
11010096	25" x 20 yd
11010097	30" x 10 yd
11010098	30" x 20 yd

Computer-Cut

ipg 153

Designed for use on a friction-feed cutters, this product can be used safely on pre-treated and pre-painted wood, HDU foam board, glass, tile and acrylic. Rubber is trimmed back 1/2" along each edge so the wheels can clamp down on the 5-mil polyester film liner and carry the stencil through the computer. Since this type of plotter has no sprockets, holes are unnecessary (as in other computer stencils).



DS Item #	Description
11010045	19-7/8" x 10 yd
11020016	24" x 10 yd

ipg 154

Same construction as #123 computer stencil, with blue liner and sheet of 1-mil polyester film between outside adhesive and rubber. Holes are IBM configuration (1/2" from center of hole to center of next hole), and just like those punched in computer paper, and should be compatible with any computerized cutting machine with sprockets matching this alignment. For best results, use with Intertape®/ Anchor Filler #223.



Note: Style # 154 will not work on large pin computerized cutters.

Non-stocking.
Volume purchase may apply.

DS Item #	Description
11010075	25" x 10 yd
11010103	25" x 20 yd
11010077	30" x 10 yd
11010078	30" x 20 yd.





Anchor® Stencil Products from Intertape Polymer Group are better than ever.








Derusha Supply is an authorized distributor of IPG/Anchor stencil products.

Computer-Cut

ipg 154Y

Same construction as #123 computer stencil, with blue liner and sheet of 1-mil yellow polyester film between outside adhesive and rubber. Holes are IBM configuration (1/2" from center of hole to center of next hole), and just like those punched in computer paper, and should be compatible with any computerized cutting machine with sprockets matching this alignment. For best results, use with Intertape®/ Anchor Filler #223. Note: Style # 154 will not work on large pin computerized cutters.



Non-stocking.
Volume purchase may apply.

DS Item #	Description
11010075	25" x 10 yd
11010103	25" x 20 yd
11010077	30" x 10 yd
11010078	30" x 20 yd.

ipg 155

Same construction as our #153 stencil, except this product has a water-based acrylic adhesive, rather than petroleum-based. Adhesion level is much higher than #153. Rubber is trimmed back 1/2" along each edge so the wheels can clamp down on the 5-mil polyester film liner and carry the stencil through the computer. This product can be used on raw wood and HDU Foam board.



CAUTION : This stencil is very aggressive and is not recommended for use on some woods without first testing a sample piece. Do not use on pre-painted, pre-treated or glass surfaces.

DS Item #	Description
11010054	19 7/8" x 10 yd.
11020017	24" x 10 yd.

ipg 156

Same construction as our high-tack #116 computer stencil, except that the hole pattern is for use on standard 1/2" center sprocket system machine or computerized cutters with the same sprocket system (1/2" on center between holes)



CAUTION : This stencil is very aggressive and is not recommended for use on some woods without first testing a sample piece. Do not use on pre-painted, pre-treated or glass surfaces.

DS Item #	Description
11010055	30" x 10 yd.

ipg 157

Same construction as our medium-tack #117 computer stencil, except that the hole pattern is for use on standard 1/2" center sprocket system machine or computerized cutters with the same sprocket system (NOTE: Style #157 will not work on the large pin 30" plotter; Style #117 is recommended for this use.)



DS Item #	Description
11010056	30" x 10 yd



Computer-Cut

U-Blast 619YPT

Double liner and clear backing with IBM computer holes.



DS Item #	Item	Description
11020220	619YPT	15" x 10 yds IBM
11020200	619YPT	25" x 10 yds IBM
11020221	619YPT	27" x 10 yds IBM
11020202	619YPT	30" x 10 yds IBM
11020222	619YPT	32" x 10 yds IBM

U-Blast 619YPS

Double liner and clear backing with Gerber computer holes



DS Item #	Item	Description
11020210	619YPS	15" x 10 yds GERBER
11020212	619YPS	30" x 10 yds GERBER

U-Blast 621T

Single liner stencil with IBM computer holes (Hi-Tack)



DS Item #	Item	Description
11020230	621T	30" x 10 yds IBM (HI-TACK)

U-Blast 621S

Single liner stencil with IBM computer holes (Hi-Tack)



DS Item #	Item	Description
11020228	621S	15" x 10 yds GERBER (HI-TACK)
11020229	621S	30" x 10 yds GERBER (HI-TACK)

Hand-Cut And Friction Fed

3M 507

Green color rubber sandblast stencil for general purpose applications, also known as "butter cut" stencil. Features a rubber adhesive and 2 mil green polyethylene single liner. Ideal for hand cut operations.



DS Item #	Description
11013189	12-1/4" x 10 yd
11013191	24-1/2" x 10 yd

Special Order Only

3M 510

Light green color rubber sandblast stencil; also known as "letter perfect" stencil. Features a rubber adhesive and 2 mil polyester single liner. Ideal for hand cut or machine press cut operations.



DS Item #	Description
11013200	30" x 10 yd

Special Order Only

3M 519Y

Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a white, polypropylene outer liner. The translucent yellow inner liner provides heightened visibility of cut designs.

DS Item #	Description
11020039	12-3/4" x 10 yds
11013314	15" x 10 yds
11020040	18-3/4" x 10 yds
11013315	21" x 10 yds
11020041	25" x 10 yds
11020042	30" x 10 yds
11013331	30" x 20 yds



3M 519YP

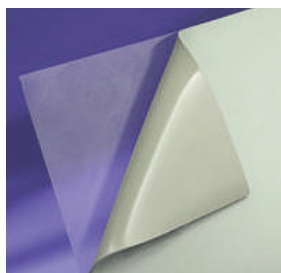
Features a double liner design for optimum support of center of letters, numbers and design patterns. The double liner includes a yellow, translucent polyester inner liner and a translucent, polyester 4 mil outer liner. The translucent yellow inner liner provides heightened visibility of cut designs.

DS Item #	Description
11020051	15" x 10 yds
11020052	25" x 10 yds
11020053	30" x 10 yds
11020054	30" x 10 yds



3M 520

Tan color rubber sandblast stencil, ideal for hand, die cut or friction feed. Features a rubber adhesive (gray) with a clear 2 mil polyester liner.



DS Item #	Description
11013219	15" x 10 yd
11013220	18"-3/4 x 10 yd
11013222	25" x 10 yd
11013223	30" x 10 yd

3M 1532

Green color rubber sandblast stencil, ideal for hand, die cut or friction feed. Features a rubber adhesive with a translucent 4 mil polyester single liner. A premasking tape can be used to transfer the stencil once the liner has been removed. This is a thinner stencil, 37 mil total thickness.



DS Item #	Description
11020032	15" x 10 yd
11020033	30" x 10 yd



Hand-Cut And Friction Fed



111

Designed specifically for hand-cutting. Panels can be replaced accurately and easily. Superior shape carving. Easier cutting means less wear on instruments. White release liner is removed easily. Use with Intertape® / Anchor Filler # 211.



DS Item #	Description
11010005	12-3/4" x 10 yd (2/box)
11010006	18" x 10 yd
11010007	25" x 10 yd
11010008	30-1/2" x 10 yd



123

Designed for machine cutting and less wear on cutting dies. Excellent blast resistance and easy-to-recognize blue liner. Plastic sheet laminated to the stencil eliminates taping during panel transfer to stone, yet allows easy blast-through. Fast cleanup. Use with Intertape®/Anchor / Filler #223.



DS Item #	Description
11010011	12-3/4" x 10 yd (2/box)
11010023	18" x 10 yd
11010024	25" x 10 yd
11010027	30" x 10 yd



123Y

Designed for machine cutting and less wear on cutting dies. Excellent blast resistance and easy-to-recognize blue liner. Plastic sheet laminated to the stencil eliminates taping during panel transfer to stone, yet allows easy blast-through. Fast cleanup. Use with Intertape®/Anchor / Filler #223 or # 333. With yellow liner.



DS Item #	Description
11010090	18-3/4" x 10 yd
1010070	25" x 10 yd
11010071	30" x 10 yd

Note: Special order non stocking.



125

A high-tack stencil designed for sandblasting on raw wood and HDU Foam board. The strength of the adhesive eliminates the need for filler or spray adhesives. CAUTION: This stencil has a very aggressive adhesive and is not recommended for use on some woods without first testing a sample piece. Do not use on pre-painted, pre-painted, pre-treated or glass surfaces.



Traditional red backing changed to blue.

DS Item #	Description
11010035	25" x 10 yd



T226

High-tack BlastLite™ is a specially-formulated rubber mask that is long-lasting and easy to use. Natural flexibility properties and impact resistance makes it ideal for all substrates where shallow blasting is required.



DS Item #	Description
11019995	15" x 10 yd
11019996	20" x 10 yd
11019997	25" x 10 yd
11019998	30" x 10 yd



T227

Medium-tack BlastLite™ is a specially formulated rubber mask that is long-lasting and easy to use. Natural flexibility properties and impact resistance make it ideal for use on all substrates where shallow blasting is required. BlastLite Medium-tack Stencils are designed for primed and painted surfaces, glass, plastics, synthetic stone and glazed tile. Available unpunched or friction fed.



DS Item #	Description
11020009	25" x 10 yd.

Hand-Cut And Friction Fed

U-Blast 619Y

Double liner without computer holes.



DS Item #	Description
11020206	12" x 10 yds
11020217	18" x 10 yds
11020218	25" x 10 yds
11020219	30" x 10 yds

DS TECH TIP

SANDBLAST STENCIL GUIDELINES

- High-tack stencils are designed for use on raw substrates. Do not use on pre-treated or glass surfaces.
- High-tack stencils have a water-base acrylic adhesive designed for bonding to rough surfaces.
- Medium-tack stencils have a petroleum-based adhesive designed for bonding to smooth surfaces.
- Medium-tack stencils are designed for use on primed or pre-painted substrates, glass, synthetic stone, ceramic tile and plastic.
- Always use a 60° blade when cutting stencils with plotters
- Double liners stencils have an extra liner layer to help hold the centers of letters/designs while transferring from computer to substrate.



U-Blast 620

Single liner stencil without computer holes.



DS Item #	Description
11020225	18" x 10 yds
11020226	25" x 10 yds
11020227	30" x 10 yds



Fillers

FILLERS

Fillers are recommended to ensure the stencil is properly bonded to the stone and does not lift or blow off when being blasted. We recommended the use of filler with all types of stencil to reduce the risk of lifting.

FILLER 211

Specially designed and formulated to produce superior results with Continental stencils.



DS Item #
11010059

FILLER 223

Specially designed and formulated to produce superior results with Continental stencils.



DS Item #
11010060

FILLER 333

Water Base Stencil Filler is water washable. Using a nylon brush, apply a thin even coat across the surface. allow the filler to dry, usually about 20 minutes. Simply wash off with soap and water.



DS Item #
11010061

DS TECH TIP

ANCHOR 111, 117, 153, 157, STENCILS

- 1) Brush two light coats of filler on sawed, axed, frosted stones allowing each coat to dry thoroughly.
- 2) Use a single light coat on polished stone faces.
- 3) Shaped carvings require two light coats of filler. (For use of 211 or 223 Filler.)

ANCHOR 123, 124, 129, 154 STENCILS

- 1) Use a single light coat on polished stone.
- 2) Two light filler coats are needed for double process shaping and lettering.

If too much of this filler is used with these mylar-backed stencils, the stencil adhesive and mylar will be left on the stone during rubber removal, making the die difficult to clean with water. At this point, clean the stone as you would when using regular filler. To prevent this problem, use less filler and spread this filler more evenly across the stone. (For use of 211 or 223 Filler.)

3M FILLER #2

Designed for smooth or polished surfaces..



DS Item #	Description
11010063	#2 Quart
11010062	#2 Gallon

3M FILLER #3

Designed for irregular and unpolished surfaces.
(double process)



DS Item #	Description
11010064	#3 Gallon



Stencil & Filler Accessories

FILLER GONE

Formulated specially for stencil filler removal.

DS Item #	Size
27015549	1 GAL.
27015507	5 GAL.
27015523	55 GAL.



PLASTIC FILLER JARS

One quart heavy polypropylene mason jar with sash brushes installed.
Replacement brushes available.

DS Item #	Description
14013677	Plastic with brush
27015544	Brush only for plastic



METAL FILLER JARS

One quart metal canister with brush installed in lid.
Replacement brushes are not available.

DS Item #	Description
14013692	Metal with brush





Stencil & Filler Accessories

582 TRANSFER TAPE

Anchor #582 is a semi-bleached flatback release coated paper. Coating is a medium adhesion rubber-based, pressure-sensitive adhesive. This excellent product is specially formulated for use as a design transfer tape with Anchor and Signblast Stencils. *100 yards in length.*



DS Item #	Description
11013251	4"
11013252	6"
11013253	9"

*Special order Quantity

SPCM-44X PRE-MASK

This low-tack application tape is specially formulated to ease the application of graphics to substrates. Use with single backed stencil for transferring of cut letters and designs.



DS Item #	Description
11013255	12" x 100 yards
11013256	24" x 100 yards

PROTECTIVE FILM

Protects marble, granite and laminate surfaces during construction or remodeling. Up to three days UV exposure requiring good clarity, low elongation and good abrasion resistance.



DS Item	Description
11020029	30" Wide x 1000' Protective Film
11020028	24" Wide x 1000' Protective Film

SPRAY GUN

Superior quality siphon spray gun. With one quart canister. Use specifically for 333 filler which cleans up easier if applied by a spray.



DS Item #
12013297

DS TECH TIP

SPRAY APPLICATION

The Paasche Spray Gun is an inexpensive, siphon-type ideally suited for typical retail shop use. I would recommend purchasing several spare Material Nozzles with the spray gun.

Sprayer Operating Tips

Air pressure to the spray gun must be regulated. Supply air pressure @20 to 50 psi and 10-15 psi cup are good starting points for the Binks system. The Paasche Spray Gun works well at 17 psi. I recommend pouring the filler through a piece of fine mesh screen wire to filter out any lumps. This will reduce a spray gun plugging and produces a more even spray pattern.

Air and fluid nozzles should be cleaned at two week intervals. The simple design of the Paasche gun will allow storing spare material nozzles in a cleaning solution; citrus or solvent and replacing as needed. Spraying clean water through the guns at the end of each shift is also recommended.



Drafting & Layout

Measuring Tapes, Rulers & Triangles

11.2

Curves, Squares & Patterns

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Scotchkut Diecutting Letters

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Paper, Knives & Marking Accessories

11.7

Monument Stencil Cutter

11.10

Template & Vinyl Cutter

11.12





Measuring Tapes, Rulers & Triangles

16' STAINLESS ENGLISH MEASURING TAPE



Description : 16' x 1" Nylon Coated Stainless Steel Blade. Dual side printing on non glare silver blade. Durable rubberized case. English.

DS Item #

29912302

25' STAINLESS ENGLISH MEASURING TAPE



25' x 1" Nylon Coated Stainless Steel Blade. Dual side printing on non glare silver blade. Durable rubberized case. English.

DS Item #

29912303

5M/16' STAINLESS METRIC/ENGLISH MEASURING TAPE



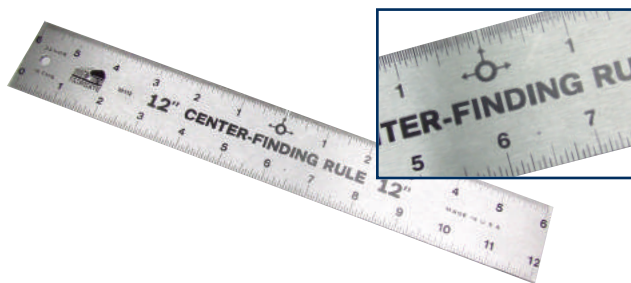
5 m/16' x 1" Nylon Coated Stainless Steel Blade. Single side printing on non glare silver blade. Durable rubberized case. Metric and English.

DS Item #

29912304

CENTER-FIND RULERS

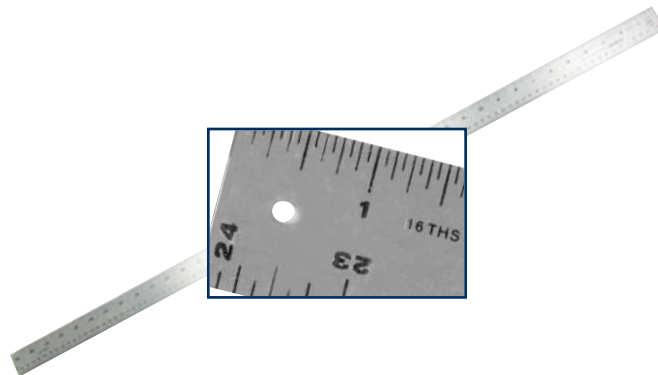
Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. Zero-point in center of ruler with increments to left and right. Allows quick location of center between any two points. Especially useful in layouts of lettering on stencil press machines. Bottom edge is a Standard ruler.



DS Item #	Length & Width	Calibrations
14011328	12" x 1-3/4"	16ths, 32nds.
14011329	18" x 1-3/4"	16ths, 32nds.
14011330	24" x 1-3/4"	16ths, 32nds.
14011331	36" x 1-3/4"	16ths, 32nds.
14011332	48" x 1-3/4"	16ths, 32nds.

ENGLISH RULERS

Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. Standard English ruler, calibrated two edges, one side; in 1/8ths, 1/16ths; Opposite directions, left to right.



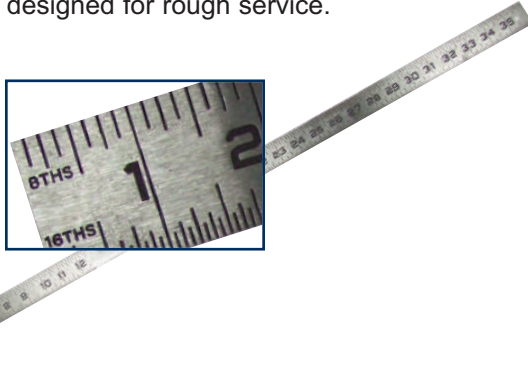
DS Item #	Length & Width	Calibrations
14011322	30" x 1-1/2"	8th, 16ths
14011325	36" x 1-1/2"	8th, 16ths
14011326	48" x 2"	8th, 16ths
14011321	24" x 1-1/4"	8th, 16ths



Measuring Tapes, Rulers & Triangles

EMBOSSED ENGLISH RULERS

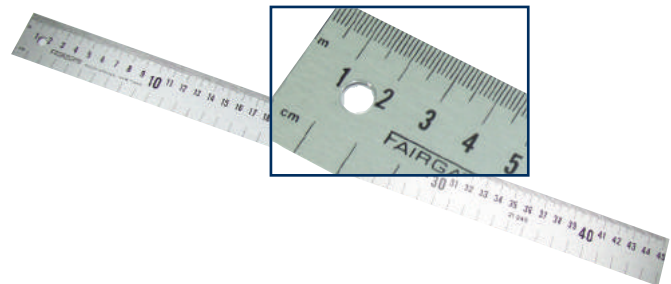
Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. This ruler is of a heavier gauge steel rather than aluminum; The graduation is deeper in the steel and is designed for rough service.



DS Item #	Length & Width	Calibrations
14011336	36" X 1"	8 th, 16 ths

METRIC RULERS

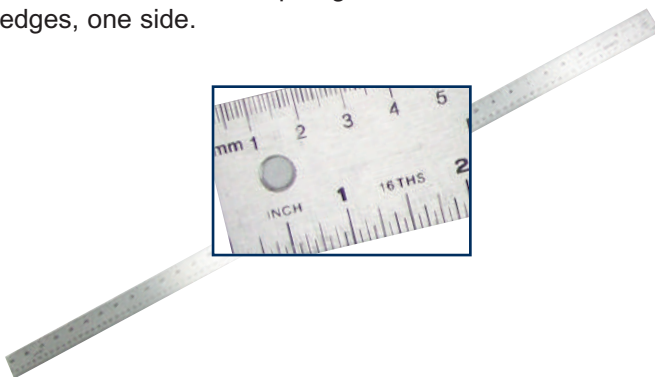
Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. Calibrated two edges, one side in., mm and cm. Opposite edges; left to right.



DS Item #	Length & Width	Calibrations
14011371	45 cm X 35 mm	cm/mm
14011364	1,5 m X 35 mm	cm/mm

ENGLISH & METRIC COMBINATION

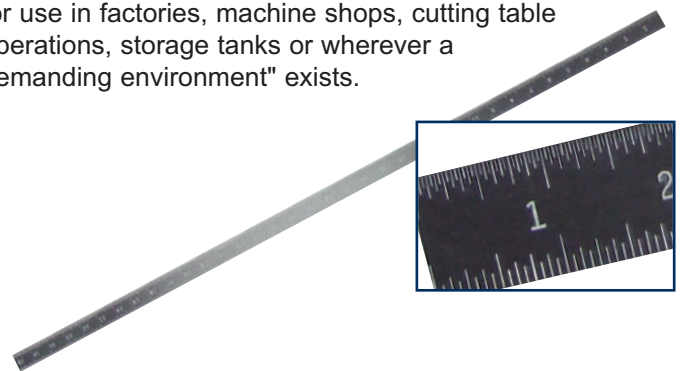
Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. English increments on bottom edge, metric increments on top edge. Calibrated two edges, one side.



DS Item #	Length & Width	Calibrations
14011372	150 cm x 3,81 cm	16 ths/cm
14011359	100 cm X 3,49 cm	16 ths/cm

PRESS STAMP RULERS

Fairgate rulers and scales are manufactured from the highest quality hard, tempered aluminum to provide years of reliable service. Fairgate Rule Company is America's largest manufacturer of press-engraved black anodized aluminum rules. These rules are designed primarily for use in factories, machine shops, cutting table operations, storage tanks or wherever a demanding environment" exists.



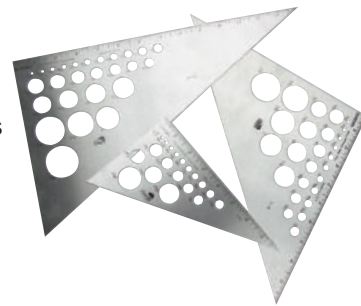
DS Item #	Length & Width	Calibrations
14011356	English / 36" x 1"	16 ths, 32 nds.
14011355	Center Find / 36" x 1"	16 ths, 32 nds.



Measuring Tapes, Rulers & Triangles

TRIANGLES

Fairgate triangles are precision made of rugged yet lightweight aluminum that resists breaking, chipping and gouging, even with heavy use or under severe conditions, such as found in the shop or at jobs sites. They will provide a life-time of service. Fairgate triangles are essential tools for commercial artists, draftsmen, architects, engineers, framers, craftspeople and hobbyists. Each triangle serves multiple duties with its incremented edge and built-in circle template.



45° / 45° / 90° TRIANGLES

Multi-purpose tool with incremented edge and built-in circle template. Excellent for both ruling and cutting. Calibrated one edge on side.



DS Item #	Length	Calibrations	Circle Template Size Range (Number)
14011345	6"	1/16 th	1/32" - 31/32" (20)
14011346	8"	1/16 th	1/32" - 31/32" (20)
14011347	10"	1/16 th	1/16" - 1-3/8" (20)
14011348	12"	1/16 th	1/16" - 1-3/8" (20)
14011349	14"	1/16 th	1/16" - 1-3/8" (20)
14011350	16"	1/16 th	1/16" - 1-3/8" (20)

30° / 60° / 90° TRIANGLES

Multi-purpose tool with incremented edge and built-in circle template. Excellent for both ruling and cutting. Calibrated one edge on side.



DS Item #	Length	Calibrations	Circle Template Size Range (Number)
14011340	8"	1-16 th	1/32" - 31/32" (20)
14011341	10"	1-16 th	1/32" - 31/32" (20)
14011342	12"	1-16 th	1/16" - 1-3/8" (26)
14011343	14"	1-16 th	1/16" - 1-3/8" (26)
14011344	16"	1-16 th	1/16" - 1-3/8" (26)

CLEAR ACRYLIC TRIANGLES

Triangles are precision made, moulded from the highest quality plastics. They are extremely durable and dimensionally stable.



30°/60°

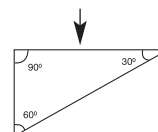
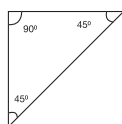
DS Item #	Size
14011459	6"
14011460	8"
14011455	10"
14011476	12"
14011461	14"
14011304	16"
14011477	18"

45°/90°

DS Item #	Size
14011463	6"
14011462	8"
14011475	10"
14011300	12"
14011301	14"
14011302	16"
14011303	18"

DS TECH TIP

The size of standard triangles are determined by the length of the side that joins the hypotenuse to the base. This is also the edge that is calibrated.





Curves, Squares & Patterns

L SQUARE

Fairgate L-squares are essential instruments for fashion designers, picture framers, and artists. These sturdy aluminum tools will provide a lifetime of services, yet they are lightweight and easy to handle. Precision incrimination and clear, easy to read numerals help assure consistent, accurate results.



DS Item #	Length & Width	Calibrations
14011360	12" x 6"	1/8 ths, 16 ths, 24 ths
14011362	24" x 14"	1/8 ths, 16 ths, 24 ths
14011369	12" x 6"	1/8 ths, 16 ths, 24 ths

T-SQUARES (9" HEAD)

Fairgate manufactures quality T-squares in lengths from 12" to 96". All feature hard, tempered aluminum blades that ensure accuracy and long life. The result is a precision tool that is lightweight, yet tough enough for the rigors of daily use.



DS Item #	Length & Width	Calibrations
14011351	24" x 1-1/2"	8 th, 16 ths
14011352	36" x 1-1/2"	8 th, 16 ths

CLEAR ACRYLIC STRAIGHT EDGE

2" wide x 3/16" thick non-calibrated clear acrylic with planned edges for trueness. Transparent, to see through for better line plotting.



DS Item #	Length & Width	Calibrations
14011337	24"	none
14011338	36"	none
14011339	48"	none

CURVES - IRREGULAR CURVES

Irregular curves are made of gray-tinted plastic. They have inking edges on both sides, which permit use of the curve either side up. COLLEGE irregular curves in the most popular configurations are available as a set.



DS Item #	(571 40 WP)
14011445	Set of 3

OMNIGRAPH

Multi-function template.



DS Item #
14011365



Scotchkut Diecutting Letters

A	ABCDEFGHIJKLM NOPQRSTUVWXYZ 1234567890	F	ABCDEFGHIJKLMNO PQRSTUVWXYZ -- 0123456789	K	ABCDEFGHIJKLMN OPQRSTUVWXYZ — 1234567890 & .. —
B	ABCDEFGHIJKLM NOPQRSTUVWXYZ Z 1234567890 --	G	ABCDEFGHIJKLM NOPQRSTUVWXYZ 1234567890 --	L	מלך כבוד וזה נבוא החשד קצף פפסו נוס
C	ABCDEFGHIJKLMN OPQRSTUVWXYZ 12457890	H	ABCDEFGHIJKLMN OOPQRSTUVWXYZ 1234567890 . ' - -	M	ABCDEFGHIJKLMN OPQRSTUVWXYZ & 1234567890 .. () -
D	ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890 --	I	ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890 abcdefghijklmnopqrstuvwxyz & . , ' - ()	N	ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890 --
E	ABCDEFGHIJKLMN OPQRSTUVWXYZ	J	ABCDEFGHIJKLMN OPQRSTUVWXYZ — 1234567890 & .. —	CALL US TO DISCUSS YOUR SCOTCHKUT LETTERING NEEDS!	

	Font type	Sizes	SO (Single Outline)	DO (Double Outline)	SHO (Shadow Outline)
A	Common Gothic	3/4" to 2-1/2"	X		
B	Government	1/2" to 1-1/2"	X		
C	Classic Roman	3/4" to 1-1/2"	X		
D	Vermarco	5/8" to 3-1/2"	X		
E	Shadow Outline	2" to 3-1/2"			X
F	Raised Modified Roman	3/4" to 3-1/2"	X		
G	Modified Roman	3/4" to 3-1/2"	X		
H	Double Outline	1" to 4"		X	
I	Old English	3/4" to 2"	X		
J	Polished Edge	3/4" to 3"		X	
K	Vermarco	1" to 3"		X	
L	Hebrew	3/4" to 1-1/2"	X		
M	Modern Roman	3/4" to 3"	X		
N	Condensed Roman	3/4" to 3-1/2"	X		



Paper, Knives & Marking Accessories

CARBOFF PAPER

A rubbing paper placed over letters or designs and rubbed with a flat hard object. Available in blue only.



DS Item #	Color
14011439	Blue

CARBON PAPER

Used to transfer Spacerite lettering onto tracing paper and then the stencil. Available in black only.



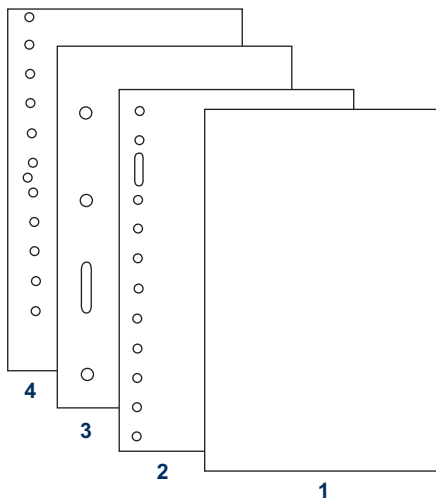
DS Item #	Quantity
14011442	12 sheets (26" X 39")

TRACING PAPER



DS Item #	Size	Description
14011449	36" X 50 yd	13 lb natural swallow

COMPUTER DRAFT PAPER



- 1 - Friction Feed
- 2 - Gerber - Slot Feed
- 3 - Gerber - Original
- 4 - 1/2" Center - IBM

Computer paper for full size drawing: 20# white paper, perforated or non-perforated, various standard widths x 100 yards per rolls. Available in perforated format for IBM (1/2" center) or Gerber (slot feed) and non-perforated format for Friction Feed or Flat Bed plotters.

DS Item #	Size	Description
14020120	15" X 100 yd	20# perf. Gerber
14020121	30" X 100 yd	20# perf. Gerber
14020122	24" X 100 yd	20# perf. IBM 1/2"
14020123	30" X 100 yd	20# perf. IBM 1/2"
14020124	20" X 100 yd	Non-perforated
14020125	36" X 100 yd	Non-perforated



Paper, Knives & Marking Accessories

STENCIL KNIVES

5" Stencil Knife (silver or gold iodized aluminum cylinder) with knurled grip. Include constant sharp blade. Also available in a doubled blade knife for borders.



Item #	Description
14011431	5" Silver Redicut
14011424	5" Constant Sharp Gold
14011426	5" Double blade knife

REPLACEMENT BLADES

Replacement Constant Sharp knife blade for stencil knives. Available in packages of 12 or individually.



Item #	Description
14011430	Constant sharp blade (only)
14011429	Constant sharp blade (dozen)

STENCIL ROLLERS

2" and 4" available.



DS Item #	Length & Width	Type
14013384	1" X 2"	Steel
14013385	1" X 4"	Steel

RUBBING CAKE

Black rubbing cakes for transferring images from stone to tracing paper an old favorite to the industry



DS Item #	Color
14011456	1/8 lbs Black

FLAT HEAD RUBBER MALLET

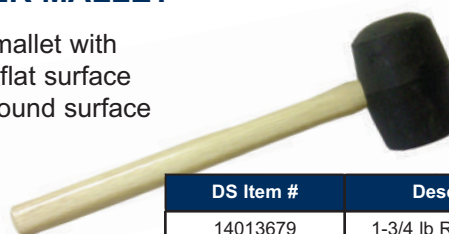
- Rubber mallet with
 - 2 flat surfaces
 - 16" handle



DS Item #	Size
14020200	2 lb Rubber Mallet

RUBBER MALLET

- Rubber mallet with
 - 1 flat surface
 - Round surface



DS Item #	Description
14013679	1-3/4 lb Rubber Mallet

AUTO HAMMER

This Auto Hammer has interchangeable hammer tips depending on your application. It is very useful to apply stencil on stone.

Features

- Size : Palm size
- Operating pressure : between 60 and 125 psi
- Air requirement : 2 – 4 CFM
- Delivers over 1 000 blows per minute
- Weight : 2 lbs



Item #	Description
14020201	Auto Hammer (comes with Soft Plastic Tip)
14020204	Medium Plastic Tip (Black)
14020203	Super-Soft Plastic Tip (Red)
14020202	Soft Plastic Tip (Blue)



Paper, Knives & Marking Accessories

PROFESSIONAL MARKERS

Made of durable brass material, with useful clip.
Allwriter lead marks on almost any surface, no matter
if it is dry or wet. Refills available. Set includes: 2
Markers and 5 Refills of each color.

DS Item #	No
29916280	Marker set
29916281	Black Graphite refill
29926282	Red refill
29916283	Yellow refill



Marker Set

OMNICHROM PENCILS

Oil chalk colored pencils
non-permanent that will
actually write through
water onto any smooth
surface. One dozen
per box.



DS Item #	Color
29916226	White
29916221	Yellow
29916222	Red
29916223	Blue
29916225	Black

CHINA MARKERS

Traditional China Markers for marking stone. Paper
wrapped pencils with tear string for marking on dry
smooth surfaces.
One dozen per box.



DS Item #	Color
29912558	Red
29912559	White
29912560	Yellow

HANDY MARKERS

Handy Marker crayons for marking
on stone, rubber or other smooth
surfaces. One dozen per box.



DS Item #	Color
29966003	White
29966004	Blue
29966005	Red
29966006	Yellow
29966007	Black

SOAPSTONE CRAYONS

The old standard in the stone industry. Available
individually or in boxes of 144 pieces. Guarantees
a consistent even line on polished stone surfaces.



DS Item #	Quantity
29912565	individual
29912566	Box (144 pcs)



Monument Stencil Cutter

ALLEN DATAGRAPH I-536 STENCIL CUTTER

The dual drive system is an ADSI exclusive! The sprocket drives are engineered especially for processing sand-blast stencil. They assure precision tracking, registration and cutting. Switch to the friction mode to cut, draw or pounce your other media! Load the stencil size you prefer... the superb sprocket capability lets you easily adjust for 15 inch to 30 inch material. In the friction mode, the material range is 5 inches to 36 inches! All cutting parameters are easily set up using a simple 2 to 3 key sequence. There's no compromise with the 536's full function control panel. Speed and Force adjust on the fly! "Tangential Emulation" is a cutter software feature, that allows the 536 to cut perfectly square corners in the heaviest of materials. V-lines and corners are sharp and accurate. The 536 is compatible with the industry's leading design and layout software programs. The 536 has the Gold Touch cutting head, 100 steps of digitally-controlled force, delivering a whopping 550 grams of force. Cut, draw or pounce, it's not only a cutter. It's also a pen plotter and full-size pattern maker.

Features:

- Includes convenient stand with stencil rollers
- Media Width-A: 15" to 30"
- Media Width-B: 5" to 36"
- Maximum frame size: 36 in. x 250 ft.
- Media handling: Adjustable sprocket feed - Microgrit Friction Feed
- Media punch patterns accepted: Uniform
- Media types: Sandblast, Paper, Vinyl, Rubylith
- Drive technology: Digital service
- Warranty: 2 years
- Compatible with industry software

*Fast, amazing cut quality
and small footprint*



DS Item #	Description	MFG
12013120	I-536 Monument Stencil Cutter	
12013123	ADSI 60" Cutter Blade	H20-008
12013117	ADSI 45" Cutter Blade	
12013133	ADSI 30" Cutter Blade	
12013127	Felt Tip	H20-013
12013129	Blade Holder	PL-00-02-865
25014301	APC 700 Power Back Up Pro	

DERUSHA SUPPLY HIGHLY RECOMMENDS THE USE OF AN APC BATTERY BACKUP UNIT FOR PROTECTION OF YOUR EQUIPMENT AND COMPUTER SYSTEMS. THIS SAFEGUARDS YOUR EQUIPMENT FROM DAMAGING SURGES AND SPIKES THAT CAN AFFECT QUALITY PERFORMANCE OF YOU MACHINERY.



Monument Stencil Cutter

ALLEN DATAGRAPH 315 GTS STENCIL CUTTER

An economical alternative to larger cutter which provides excellent reliability and performance:

- It assures Un-attended productivity. With 16 pins engaging the material at all times, material handling is fast, smooth and faultless. And, the 315 will process all 15" punched media regardless of punch pattern (three-hole; slotted and uniform (IBM)). No material choice restrictions... with Speeds up to 37 ips
- Operation is simple, fast and anxiety free! All settings are fingertip controlled. Cut force and speed are adjustable "on-the-fly". There are no exasperating menus and sub-menus to work through. With cutting speeds up to 37 ips and acceleration up to 4 Gs, productivity is maximized... Cut, Draw and Pounce!
- The 315 GTS uses Allen's exclusive Gold Touch cutting head providing a selectable cut force range of 10 grams to 550 grams. With the optional Pounce Kit you'll have control over hole size and spacing... another Allen exclusive!
- The 315 GTS is compatible with all leading sign making software design programs. Its on track with how you like to work... and it gets it done faster!

Features:

- Material width: 15"
- Active cutting width: 13.25"
- Media, maximum thickness: .045"
- Media handling: Engineered Sprocket-Trak
- Media punch patterns accepted:
Three hole, slotted, uniform (IBM)
- Drive technology: Digital service
- Cutting technology: Swivel Knife
- Material handling: Sprocket-Feed

DS Item #	Description
12013121	315 GTS Monument Stencil Cutter
12013123	ADSI 60" Cutter Blade
12013117	ADSI 45" Cutter Blade
12013133	ADSI 30" Cutter Blade



*Great for Cemetery
Lettering*

ALLEN DATAGRAPH 315 OS STENCIL CUTTER

Same features as 315 GTS but includes ultra durable case and inverter 12V to 110 for added portability

DS Item #	Description
12013122	315 OS Stencil Cutter
12013123	ADSI 60" Cutter Blade
12013117	ADSI 45" Cutter Blade
12013133	ADSI 30" Cutter Blade



FOR BEST RESULTS, USE WITH  154-15" STENCIL



Template & Vinyl Cutter

ALLEN DATAGRAPH DIGITAL TEMPLATE CUTTER ITECH TM SERIES

Allen Datagraph iTech TM Series of versatile, high-performance digital template cutter systems are equipped with ADSI's exclusive Gold Touch II cutting head, featuring an extraordinary 100 steps of digitally controlled force, adjustable from 5 grams up to 550 grams – the most versatile in the industry. Another unique feature is the industry exclusive "long tracking guide system", which insures accurate tracking of media up to 150 feet. Seamlessly integrated with the iTech TM Series is AllenCAD Pro V7.2. This full featured CAD software is a complete 2D computer aided design program featuring the ultimate productivity tool for countertop fabricators – Allen DirectCUT Tiling. Now, producing tiled templates is as easy as clicking a button. This user friendly one step operation saves time and minimizes waste. No other commercially available CAD program has this unique capability. All iTech TM Series digital template cutting systems come with a 2-year warranty.

Features:

- Media, maximum thickness: less than 1 inch (2.5cm)
- Cutting Technology: Swivel Knife; Tangential Emulation
- Material Handling: Friction-Feed
- Media Types/Processed: Vinyl, Screen Print Film, Reflective, Mask, Magnetic, Window Tint, etc.
- Media Width:
 - 30" Cutter 2.5 to 30 inches
 - 36" Cutter 2.5 to 36 inches
 - 48" Cutter 4.5 to 48 inches
 - 60" Cutter 4.5 to 60 inches

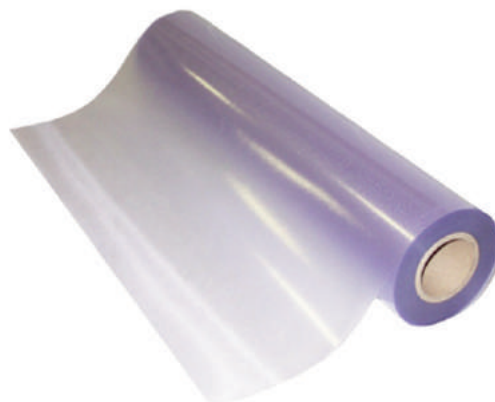


DS Item #	Description
12013126	ADSI 30" Template Cutter
Call us	ADSI 36" Template Cutter
Call us	ADSI 48" Template Cutter
Call us	ADSI 60" Cutter Blade
12013123	ADSI 60° Cutter Blade
12013117	ADSI 45° Cutter Blade
12013133	ADSI 30° Cutter Blade

TEMPLATE MATERIAL FOR ALLEN DATAGRAPH DIGITAL TEMPLATE CUTTER

DS Item #	Description
12013124	30" x 150' template material
12013162	36" x 150' template material

for more sizes, please call us.





Etching

Pneumatic Abrasive Guns 12.2

Etching Tools 12.3

Impact Etching Machines 12.4

Derusha Etching Services 12.7

Laser Etching 12.8





Pneumatic Abrasive Guns

AECR

AECR Remote Feed Air Eraser with Quart Cup offers greater freedom of movement through use of a larger abrasive compound container which feeds abrasive by hose to the AECR Eraser. The large container allows the operator to work longer between refills.

WARNING:

Read instructions for proper care in handling and operation. Use in Well Ventilated Area to remove or trap dust. AE & AEX Compounds for External use Only! Paasche abrasives are listed as nuisance dusts. Consult the product label and Material Safety Data Sheet supplied for the material being sprayed. Secure air and material hoses wrench tight for safety and to prevent leaks. **Maximum Pressure 50 PSI**



Aluminum Oxide in stock from 100 grit to 220 grit.
See abrasive section on page 6.2.

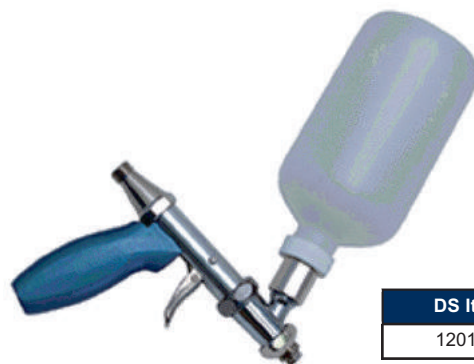
DS Item #	Description
12013303	AECR
12113367	R-75 Regulator

LAC #3 GUN

The LAC Abrasive Gun has almost unlimited uses as an etching tool for directory panels, directional signs and name plates; for applying designs to plate glass and glassware, colored and transparent plastics, stone, silver and other metals.

WARNING:

Read instructions for proper care in handling and operation. Always wear a Respirator and Goggles when using the LAC#3 Abrasive Gun. Use in Well Ventilated Area to remove dust. Always read and follow, Cautions and Warnings on materials being sprayed. **Maximum Pressure 50 PSI**



DS Item #
12013301

DS TECH TIP

SAFETY

Consult our Safety Equipment Section (21) for the proper respiratory protection.



Etching Tools


DREMEL 290-1 (IMPACT)

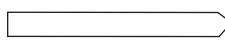
Features:

- Stroke adjustment dial regulates engraving depth from fine lines to deep grooves.
- Replaceable carbide point lets you engrave on most surfaces.
- Optional 9929 diamond point (not included) for heavy-duty use on hard surfaces.
- Letter/Number template helps etch words and numbers.
- Soft grip adds extra comfort and control.
- Light and compact design provides comfortable use for precision engraving performance.



ACCESSORIES


Carbide Point
Model 9924
(normal applications)


Diamond Point
Model 9929
(for continuous use)

DS Item #	Description
12113407	Dremel 290-1
12113354	Carbide Point 9924
12113355	Diamond Point 9929

300 SERIES ROTARY TOOLS

The Dremel 300 Series rotary tool offers the precision and control required to complete a wide range of projects-from fine art to home repair. Its variable speed control allows you to set the speed of the tool to match a particular accessory or the task at hand.



5/64"	11/64"	17/64"	3/32"	3/16"	5/64"	3/32"
2,0mm	4,4mm	6,7mm	2,4mm	4,8mm	2,0mm	2,4mm
						
7103	7105	7120	7122	7123	7134	7144

Diamond Point

DS Item #	Description
<i>Call us</i>	Dremel 300 Series
12113351	7103
12113352	7105
12113403	7120
12113359	7122
12113360	7123
12113404	7134
12113353	7144

PNEUMATIC LGS 30

Engraving pen with tungsten carbide stylus points for engraving metals, glass, plastics and stone.



DS Item #	Description
14013389	LGS 30
14013390	Fine Tip
14013391	Medium Tip
14013392	Coarse Tip

PENCIL STYLUS

Diamond Stone Etching Pencil Stylus.



DS Item #	Description
14013676	Stylus Pencil

ELECTRO STYLUS

A quiet, smooth writing, etching and engraving instrument. 7" long, 3/4" diameter. Easy to handle pen-like shape. Operates on 105-120V, 60 cycle AC.



DS Item #	Description
12113408	Electro Stylus
12113455	Tip



Impact Etching Machines

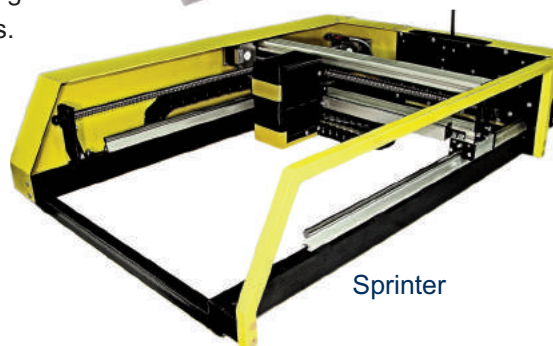
IMPACT ETCHING

Impact Etching is a revolutionary technology, designed for use in Monument Industry. Time-tested and reliable, it is used by hundreds of customers world-wide. Image is created by the diamond-tipped needle hitting the stone. Machine's controller changes the strength and frequency of hits to achieve required characteristics of the picture. Etching head is driven by high-precision German-manufactured 3D linear drive. Gap sensor automatically maintains optimal distance between the needle and stone, allowing processing of uneven surfaces. In the end, you get the image that is as close as it gets to the original, and has the quality of etching performed by artist, for a fraction of the cost.

Faster than previous generation



Sprinter max



Sprinter

Features:

- Automatic gap-tracking technology eliminates stone leveling.
- Does not require cooling or other environmental limitations.
- Two models available: Sprinter being portable.
- Simple in design and operation.
- Easy to use and even easier than previous generation.
- Does not require attended operation.
- Connects easily to your laptop or desktop computer.
- Time-tested and reliable.
- Etches a wide range of images (including portraits).

Financing Available

DS Item #	Model	Description	Image Area
25014385	Sprinter	Portable compact model, designed to be put on the top of the stone. Can be lifted by a single person.	15.75" x 24.4"
25014386	Sprinter Max	Large Floor model	27.55" x 55.11"
25014301		APC 700 power back up pro (highly recommended)	
Accessories & Replacement Parts			
25014200		Monucart for etching with high weight capacity, lock casters and self leveling feet	24" x 30"
25014365		Replacement etching tip for Sprinter and Sprinter Max models	
25014363		Replacement etching tip for SX and CP models	
25014339		Replacement Remote + USB Cable	

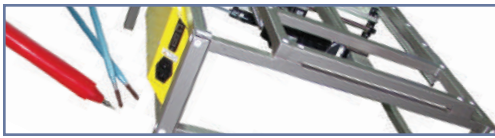
Other replacement parts available.

12.4

Monucart



APC 700



Impact Etching Machines

Laser Engraver	Granite Impact Etching Machine
Can engrave wood, leather, plastic	Can only engrave stone, glass, metal or other hard materials. After all, it is specifically designed for monument builders.
Burns very thin upper layer of the stone	Physically hits stone with diamond "needle" creating images that are as close as it gets to manual etching.
Works best on perfectly black stone. Yields substandard results on non-black stone with imperfections.	Can be used on any stone of any colors, regardless of imperfections that it might have.
Laser machines are very complex and have many subsystems: electronic, mechanical, optical, cooling, fumes removal.	Has only 2 subsystems: electronic and mechanical ones. Less components means higher reliability.
Requires stone leveling procedure. Stone has to be perfectly flat and level against the machine's plane.	Stone does not have to be perfectly flat or level. Machine has the tracking head that follows the surface of the stone, set-up time is minimal.
Requires manual focusing and/or gap setting to ensure proper distance between the laser tube and stone.	Has automatic gap setting mechanism.
Has to be used in lab-like environment with stable temperature. Changes to temperature can cause gas leaks from laser tube and significantly reduce tube life. Output of laser tubes changes with ambient temperature and depends on proper cooling.	Designed for your workshop AKA real world. It just works.
High price for high-end models. Questionable reliability for low-end models.	Price that every monument shop can afford. Pays for itself in a matter of months. Assembled from German made linear drives. Rugged industrial-grade welded frame.

DS TECH TIP

Derusha Supply highly recommends the use of an APC Battery Backup unit for protection of your equipment and computer systems. This safeguards your equipment from damaging surges and spikes that can affect quality performance of your machinery.



Impact Etching Machines

TESTIMONIALS FOR IMPACT ETCHER

Granit J. McCutcheon, Stanstead, Quebec

We have purchased an impact etching machine after we saw it in action at Derusha Supply. By that time, we already had an expensive laser machine that was used in our day to day operations of etching granite monuments. While laser machine would ultimately do the job, we were attracted to the impact etching machine because of its simple set-up and configuration... As far as the quality of etchings produced, we believe that our impact etchings are superior in appearance to laser etchings, they are brighter and deeper. Our machine has been working great, with outstanding on-site support provided by Derusha.

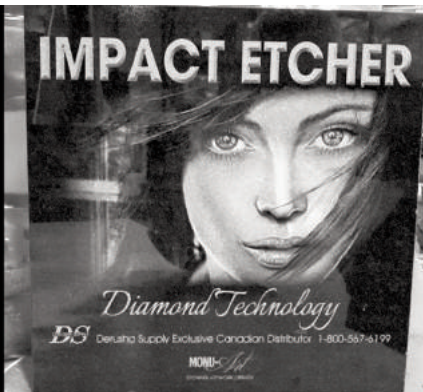
Fabhaven, Toronto, Ontario

Fabhaven is a high-volume monument shop, producing hundreds of monuments and urns per month. We owned high-end laser machine for years, and it seemed to work fine, until we saw Granite Impact Etching machines. The quality and brightness of etchings created by those machines is way better than laser, and this verdict does not come from us, but from our customers. They like portraits made with the diamond etcher more than the etchings created with laser. And, the machines are so easy to use! We unpacked the machine, quickly went through the manual, and were up and running in half a day. By the time our vendor arrived the next day to train us, we had already created many high quality etchings, just after reading the manual, so the training didn't take too long to complete. With our new impact etching machine, you place it on top of any monument, position the home base, begin the image and off you go! No need to warm up the laser tube, nor do multiple tests with different DPIs and... simply put, it just works! Now we do all of our portraits, landscape and overall etchings with our new machine, and keep our laser to only high-volume, low-complexity jobs.

EXAMPLE OF AN IMPACT ETCHING WORK FROM OUR IN-HOUSE DESIGNERS



Computer Rendering



Etched Black Granite

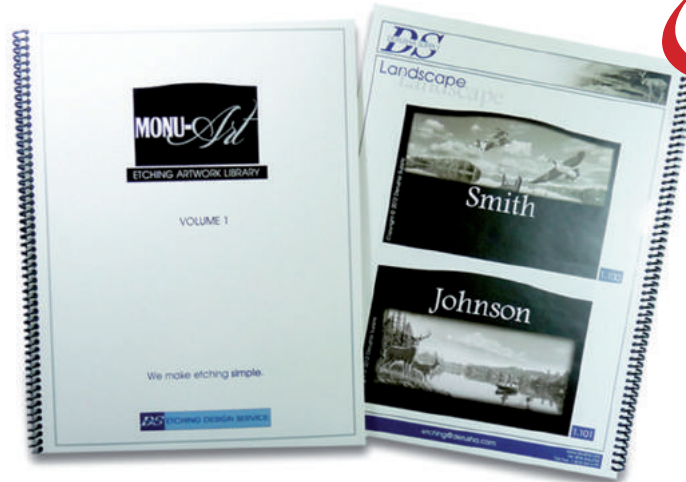


Derusha Etching Services

EVERYTHING YOU NEED TO GET STARTED

Monu-Art Image Catalogue, In House Graphic Design Team and Remote Technical Services.

- Monu-Art Image Catalogue
- Your choice of 50 **ready to etch** monument images
- Includes : Landscapes, Religious, Animals and Elements



**Volume 2
NOW AVAILABLE**

**WE MAKE
ETCHING SIMPLE**

SECTION 12. ETCHING

DS Design Service

You do not have to be a professional in Graphic Design or Computer Technology. Our team can provide you with the Ready to Etch designs, such as photo quality portraits, detailed landscapes, all you need to satisfy your customers' ongoing demands. You can choose from our stock images and profit from our in-house designers that will help create custom images to satisfy your customer needs.



DS Impact Etching Technical Package

UNLIMITED YEARLY REMOTE SUPPORT

This convenient and exclusive Derusha Supply service will help you with the following:

- Telephone technical services
- Remote computer access
- Technical Support with 'EControl' software
- Expert advice to help you achieve the best possible results with your impact etcher
- Assistance with replacement of diamond-tipped needles
- How to prepare a monument for the most effective and economical etching layout design
- Helpful and courteous service

**20%
OFF
GRAPHIC
DESIGN**
with purchase of
Yearly Remote
Support

12.7



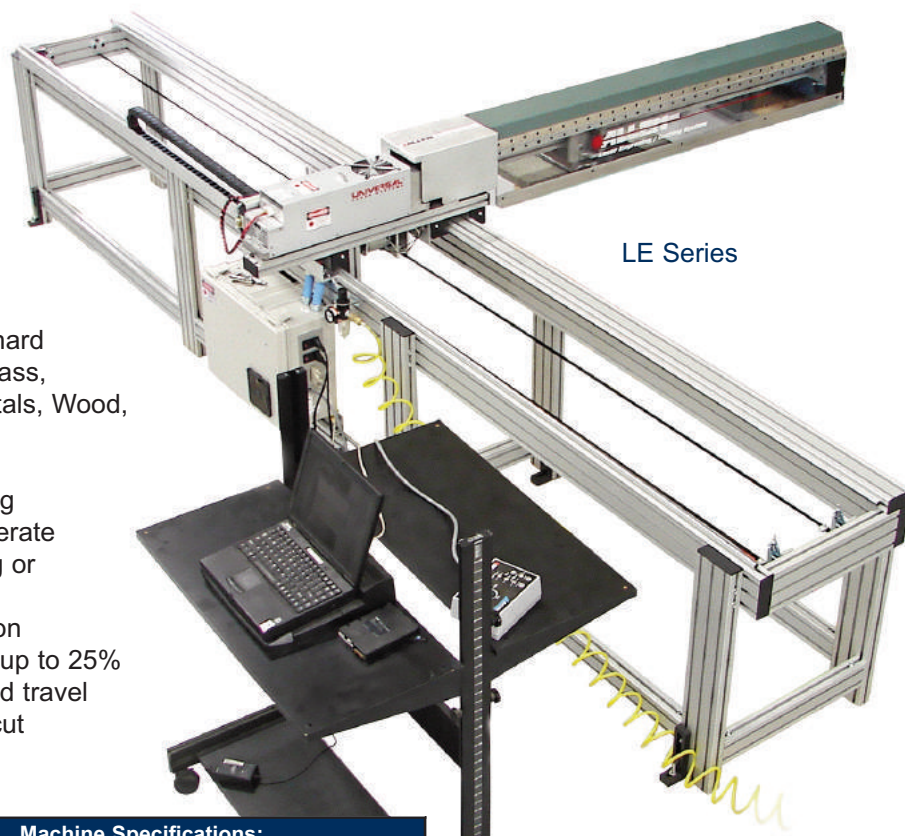
Laser Etching

ALLEN DATAGRAPH LE SERIES LASER

Created to meet the image production needs of the Monument, Signmaking and Graphic Arts industries.

Allen Datagraph's LE SERIES LASER in an innovative large format laser automation system for imaging hard surface materials: Granite, Marble, Glass, Mirrors, Acrylics, Brass, Anodized Metals, Wood, Solid-Surface materials and more.

Easily convert image files into stunning laser-etched graphics. System will operate in either raster scan mode for imaging or vector mode for cutting applications. Allen's exclusive image/cut optimization algorithm reduces production time by up to 25% through management of the laser head travel and firing to only the required image/cut areas only.



LE Series

Laser Etcher	Machine Specifications:			
Model Number	4800	6000	9600	14400
X Engraving Range	48"	60"	96"	144"
Y Engraving Range	48"			
Engraving Speed	3 Sq. In./ Minute (Non-optimized*)			
Resolution	Selectable- 150, 200, 300" dpi			
Dot size	Adjustable to .003" Min.			
Laser Class	Class IV			
Wave Length	10.6um			
Power Requirement	112/24 VAC 48/62 HZ 13 AMP or 218/242 VAC 48/62 HZ 6.5 AMP			
Cooling	Air			
Cutting Gas Usage	Up to 2 cfm			
Operational Temp.	10 Deg. c to 35 deg. c			
Relative Humidity	5% to 95% Non Condensing			
Weight				
Height	Varies			
Width	96"			
Length	72"	84"	120"	168"
Microprocessor	Intel Risc 80960i			
Input Format	Tiff, jpeg, bmp, psd, eps, and others			
Interface	RS-232 Serial Port			
Ram	2 mb (Expandable to 8 mb)			

*Cut speed optimization: Allen's exclusive cut speed optimization process speeds engraving by eliminating wasted scanning in areas not requiring laser pulses. Most images are completed in 25% of the time required by non-optimized engravers



Lithco, Monu-colors & 1 Shot

Shadow & Hilite

13.2

Colors

13.5

Solvent & Lithco Products

13.9

Spray Guns

13.11

Gold Leaf & Accessories

13.12





Shadow & Hilite

LITHICHROME SHADOW

Shadow is the standard method for contrasting monumental lettering and backgrounds. Shadow is compounded in seven color tones for ideal contrast for all marble, granite and stone. It is applied by Airmite spray gun, brush, aerosol pressure can. The amazingly efficient Airmite, atomizes Shadow so finely that an extremely small quantity is needed for perfect results – making the unit cost surprisingly low.



ABRASIVE SHADE SHADOW

If a contrast comparable to “blueing” with abrasive dust is desired, this is the shade required. Ideal for marble or for any granite. Considerably better lettering legibility than with tedious abrasive blueing, yet completely as natural in appearance.

DS Item #	Size
15011491	Quart

BLACK SHADOW

For maximum contrast. Black Shadow produces a black letter of extreme contrast. A small amount is needed for maximum results.

DS Item #	Size
15011504	Quart
15011503	Gallon

TRANSPARENT GREY SHADOW

A beautiful natural “shadow” with no form of coloration visible to the eye even when viewed closely. Harmonizes with all granites, regardless of color.

DS Item #	Size
15011567	Quart
15011566	Gallon

BROWN SHADOW

Brown Shadow is preferred by many for pink or brown granites. Not opaque – texture of stone is visible. If darker brown is wanted. add Dark Grey or Black to the Brown.

DS Item #	Size
15011511	Quart
15011510	Gallon

DARK GREY SHADOW

For a darker contrast than the Transparent Grey, yet not opaque. Texture of granite is visible through this Grey.

DS Item #	Size
15011520	Quart
15011519	Gallon

BLUE-GREY SHADOW

Gives a natural blue-grey tone. If less contrast is desired, add Permabond.

DS Item #	Size
15011506	Quart
15011505	Gallon

DS TECH TIP

No solvent thinning is necessary for any Shadow for proper spraying consistency. If some “in-between” color is wanted, any Shadow can be mixed with another or with Permabond.



Shadow & Hilite

LITHICHROME HILITE

As with Shadow, Hilite is in use throughout the U.S. and Canadian monumental industry for whitening flashed panel inscriptions and carvings on all kinds and colors of polished granites. Applied as intended, Hilite has no visible form of coloration apparent to the eye, even when viewed closely.



DS Item #	Size
15011531	Pint
15011533	Quart
15011532	Gallon

GRANITE PRO

Developed and tested to withstand harsh winter weather and ultra-violent rays, Granite-Pro Monu-Colors provides cost efficient shadow and hilite solutions to the monument trade.

Distributed in North America by Derusha Supply Inc.





Shadow & Hilite

LITHICHROME AEROSOL

Shadow is available in aerosol pressure cans in Black, Grey, Brown, Hilite (white) and Gold only. Since a portion of any aerosol can must be used for the propellant gas, no aerosol can compare with the Airmite for spraying economy.



DS Item #	Color
15011492	Gold
15011493	Black
15011494	Brown
15011495	Grey
15011496	Hilite (white)
15011639	Clear

MONU-COLORS AEROSOL

Granite-Pro monu-colors shadow is available in 3 popular colors : Black, Hilite(white) and grey.



DS Item #	Color
15014001	Black
15014000	Hilite (white)
15014002	Grey

DS TECH TIP

ACHIEVING OPAQUE COLOR

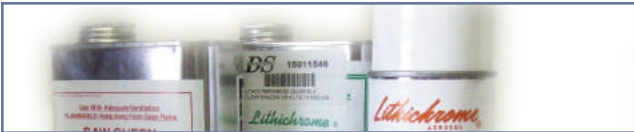
If an opaque white or black is needed and the application requires aerosol format, please inquire about the Akemi aerosol white and black. Using this product can result in time and money savings.

GREY SHADOW

Grey Shadow is formulated to be used as either a Light or Dark Grey, as by applying a little more, a darker tone is obtained.

AEROSOL SPRAY CANS

Before using, rotate the spray head about 1/4 turn. Rotate it occasionally and you will never have a clogged spray head. Never stick a pin or any sharp object in the spray head hole. If clogged, remove spray head and run fingernail through the slot in the base of the spray head. Replace the spray head with a gentle twisting motion. Shake can occasionally to insure proper mixture. After use turn can upside down and the valve pressed for a few moments. This cleans out the atomizer hole leaving the can ready for use.



Colors

LITHCO COLORS (OPAQUE)

Lithco colors, unlike the shadow products, are a heavier paint that colors the stone and are a more viscous opaque color coating. These come in Black and White or Chromatic Colors as shown on the Color Reference Chart on page 13.7.

DS Item #	Color	Size
15011638	White opaque	Pint
15011569	White opaque	Quart
15011568	White opaque	Gallon
15011484	Black opaque	Pint
15011502	Black opaque	Quart
15011501	Black opaque	Gallon



DS TECH TIP

In applying any Shadow or Hilite two conditions must be observed: 1. Do not hold gun or can so far away that a "dry" application results. About 8 inches is correct; 2. Do not over apply, this will result in a coating which adheres to stencil when stencil is "pulled". If a film is attached to stencil this means inferior adhesion to the stone.

ACRYLIC CRYSTAL CLEAR

A premium clear coating for added durability and protection. Non-yellowing, moisture-resistant finish. Fastest dry - 10 minutes or less. Permanent protection for bare and painted surfaces. Same results as the Lithichrome Aerosol Clear Shadow.



DS Item #	Size	Color
15011591	11 oz.	Clear

AKEMI AEROSOL COLORS

An alternative to the use of gold/silver leaf. Akemi Antique Aerosol is a paint source specifically formulated for use on stone. It's brilliant color has been used for lettering. A very popular product when a brighter gold or silver finish is required. Also available in white and black opaque.



DS Item #	Size	Color
15011401	400 ml	Silver
15011400	400 ml	Gold
15011403	400 ml	Black
15011402	400 ml	White



Colors

LITHCO COLORS

Colors formulated for application on natural stone.



LITHCO COLORS - PINT

DS Item #	Color
15011484	Black
15011487	Blue
15011572	Dark Brown
15011575	Dark Green
15011578	Flesh
15011581	Golden Yellow
15011584	Gold
15011587	#5 Green
15011590	Grey
15011594	Leaf Green
15011597	Light Blue
15011601	Light Brown
15011604	Light Green
15011607	Light Yellow
15011610	Maroon
15011613	Pink
15011616	Purple
15011619	Red
15011623	Rust Red
15011626	Silver
15011629	Tan
15011632	Violet
15011635	Warm Brown
15011638	White
15011647	Auburn Orange
15011650	SF-80 Gold

LITHCO COLORS - 2 OZ.

DS Item #	Color
15011482	Black
15011485	Blue
15011570	Dark Brown
15011573	Dark Green
15011576	Flesh
15011579	Golden Yellow
15011582	Gold
15011585	#5 Green
15011588	Grey
15011592	Leaf Green
15011595	Light Blue
15011599	Light Brown
15011602	Light Green
15011608	Maroon
15011611	Pink
15011614	Purple
15011617	Red
15011621	Rust Red
15011624	Silver
15011627	Tan
15011630	Violet
15011633	Warm Brown
15011636	White
15011645	Auburn Orange
15011648	SF-80 Gold

LITHCO COLORS - 6 OZ.

DS Item #	Color
15011483	Black
15011486	Blue
15011571	Dark Brown
15011574	Dark Green
15011577	Flesh
15011580	Golden Yellow
15011583	Gold
15011589	Grey
15011593	Leaf Green
15011596	Light Blue
15011600	Light Brown
15011603	Light Green
15011606	Light Yellow
15011609	Maroon
15011612	Pink
15011615	Purple
15011618	Red
15011622	Rust Red
15011625	Silver
15011628	Tan
15011631	Violet
15011634	Warm Brown
15011637	White
15011646	Auburn Orange
15011649	SF-80 Gold

LITHCO COLORS QUART

DS Item #	Color
15011502	Black
15011530	Gold
15011569	White
15011598	Light Blue
15011620	Red
15011644	Blue
15013894	Silver

LITHCO COLORS GALLON (stocking colors)

DS Item #	Color
15011568	White
15011481	Dark Brown
15011501	Black
15011529	Gold
15011640	Golden Yellow
15011641	#5 Green
15011642	Blue
15011643	Red
15013896	Silver

DS TECH TIP

Certain high test gasoline's may affect Lithco colors. Therefore, it is best to use a non-flammable Naptha (Mineral Spirits) with a KB value of around 36 for cleaning.

MAINTENANCE OF COLORS

If the colors become too thick, this means, some of the solvent has evaporated and must be replaced with Lithco solvent this will maintain the required consistence for application. Although each Lithco color bottle is sealed with tape, some solvent will evaporate in time. If colors become too thick, this seriously affects their adhesive qualities.



Colors

LITHCO CLEAR

Lithco Clear contains the latest development in surface coatings – a silicone resin compounded with our time-proven Clear. This silicone bonding resin is the nearest organic material to natural silica in weathering resistance. Application over any Lithco Color as a clear “over coat” gives assurance that the color has maximum protection against weathering. Now available in spray bombs.

DS Item #	Description
15011512	2 oz. Clear
15011513	6 oz. Clear
15011515	Pint Clear
15011516	Quart Clear
15011514	Gallon Clear



These color chips are intended to be used only as reference and may not be an exact representation.

Colors not shown on chart are white, black, grey and clear.

LC 4059 Violet	LC 4063 Purple	LC 4044 Blue	LC 4065 Light Blue	LC 4049 Dark Green
LC 4050 #5 Green	LC 4040 Leaf Green	LC 4066 Light Green	LC 4057 Light Yellow	LC 4056 Golden Yellow
LC 4073 Auburn Orange	LC 4052 Tan	LC 4047 Light Brown	LC 4045 Warm Brown	LC 4053 Maroon
LC 4046 Dark Brown	LC 4051 Rust Red	LC 4043 Red	LC 4062 Pink	LC 4067 Flesh
LC 4058 Silver - Metallic	LC 4054 Gold - Metallic	LC 4055 SF 80 Gold - Metallic	LC 4071 Bronze - Metallic	



Colors

1 SHOT COLORS

For over 60 years, 1 Shot has been making durable quality paints for dye makers and graphic arts professionals. Available in lettering & pearlescent enamels as well as fluorescent colors.



LETTERING ENAMELS

Lettering Enamels are oil based superior quality high gloss enamels for interior or exterior use on metal, glass (not for use on windshields), wood, Masonite, MDO and enamel receptive banner & vinyl materials. Intended for sign writing on store fronts, vehicles and wherever fine lettering work is desired. They have outstanding hiding, durability and excellent resistance to sagging. Superior flow characteristics assure the virtual absence of brush marks and provide a clean, sharp edge. The Lettering Enamels may also be airbrushed when reduced with the 6001 Low Temp Reducer.

1/2 PINT

DS Item #	Color
50100000	Vermillion
50100002	Lettering White
50100004	Fire Red
50100006	Polar White
50100008	Bright Red
50100010	Maroon
50100012	Metallic Gold
50100014	Metallic Copper
50100016	Metallic Brass
50100018	Medium Brown
50100020	Dark Brown
50100022	Ivory
50100024	Tan
50100026	Chamois
50100028	Coral
50100030	Orange
50100032	Primrose Yellow
50100034	Lemon Yellow
50100036	Chrome Yellow
50100038	Emerald Green
50100040	Process Green
50100042	Medium Green
50100044	Dark Green
50100046	Aqua
50100048	Blue Green
50100050	Robin Egg Blue
50100052	Light Blue
50100054	Process Blue
50100056	Peacock Blue
50100058	Reflex Blue
50100060	Brilliant Blue
50100062	Kansas City Teal
50100064	Dark Blue
50100066	Violet
50100068	Proper Purple
50100070	Purple
50100072	Magenta
50100074	Dark Magenta
50100076	Rubine Red
50100078	Salmon Pink
50100080	Imitation Gold
50100082	Metallic Silver
50100084	Medium Grey
50100086	Black

PINT

DS Item #	Color
50100001	Vermillion
50100003	Lettering White
50100005	Fire Red
50100007	Polar White
50100009	Bright Red
50100011	Maroon
50100013	Metallic Gold
50100015	Metallic Copper
50100017	Metallic Brass
50100019	Medium Brown
50100021	Dark Brown
50100023	Ivory
50100025	Tan
50100027	Chamois
50100029	Coral
50100031	Orange
50100033	Primrose Yellow
50100035	Lemon Yellow
50100037	Chrome Yellow
50100039	Emerald Green
50100041	Process Green
50100043	Medium Green
50100045	Dark Green
50100047	Aqua
50100049	Blue Green
50100051	Robin Egg Blue
50100053	Light Blue
50100055	Process Blue
50100057	Peacock Blue
50100059	Reflex Blue
50100061	Brilliant Blue
50100063	Kansas City Teal
50100065	Dark Blue
50100067	Violet
50100069	Proper Purple
50100071	Purple
50100073	Magenta
50100075	Dark Magenta
50100077	Rubine Red
50100079	Salmon Pink
50100081	Imitation Gold
50100083	Metallic Silver
50100085	Medium Grey
50100087	Black



Solvent & Lithco Products

LITHCO PERMABOND

Permabond is a clear Shadow or Hilite – its function being to reduce the color tone of any Hilite or Shadow without any reduction in bonding strength. Shadow, as made, is right for the great majority of uses but occasionally less contrast is desirable. Hilite should require no Permabond for a perfect transparent effect but a new user might add some Permabond until he becomes familiar with using the Airmite. It also can be used as a light “overcoat” for a Shadow Lithipicture as added protection.



DS Item #	Size
15011545	Pint
15011546	Quart
15011547	Gallon

LITHCO SOLVENT

For cleaning Airmite or airbrush or for removing Hilite, Shadow or Lithco Color (if necessary). Lithco Solvent is the thinner for Lithco Colors if any thinning is needed for spraying. Hilite and Shadow require no thinning for perfect spraying.

Derusha Supply Tech Tip on page 3.15



DS Item #	Size
15011561	Pint
15011562	Quart
15011560	Gallon
15013900	DS - 20 Litres

Legible sandblast inscription is the single most important factor in monument sales and continuing customer good will. Without contrast there is no beauty in nature, in art, or in processed stone carving, panel, or incised letter.



FOR OVER 60 YEARS LITHICHROME HAS SPECIALIZED IN COLOR CONTRASTING, BONDING AND WEATHER PROOFING ALL TYPES OF STONE. LITHICHROME STONE PRODUCTS INCLUDE STONE PAINT, SOLVENT, SHADOW, POLISH, JOINT AND BOTTOM, SEALER, ETC.

DERUSHA SUPPLY IS AN AUTHORIZED DISTRIBUTOR OF LITHCO PRODUCTS.



Solvent & Lithco Products

HIPOLISH

"Keeps Polished Granite Beautiful – Always" Hipolish is a concentrated silicone process for enhancing the appearance of polished granite for a more lustrous finish and making it impervious to water.



DS Item #	Size
15011536	Pint
15011537	Quart
15011535	Gallon

SAW SHEEN

"Honed Finish – In a Minute". Saw Sheen was developed thirty-four years ago as a specific for transforming sawed colored granite from a dull colorless material to a colorful honed finish in a moment's time.

The print to the right shows its function on a Wausau red granite slab. On grey granite it gives a natural contrast – comparable to abrasive "blueing." Saw Sheen brushes perfectly – Shadow poorly. Saw Sheen has many monumental uses for instant contrasting, including lettering.



DS Item #	Size
15011553	Pint
15011554	Quart
15011552	Gallon

FAST MASK

Fast Mask is a plastic putty-like substance which resists sandblasting when using Shadow in a "single process". (Flashing polish from panel AFTER letters have been blown and shadowed). Also ideal for masking Shadow in a "one process" shape carving. Fast Mask protects the Shadow in letters, as well as protecting the edges of letters. It is applied after the stencil is removed, being easily pressed into letters or carving background with finger or putty knife. It is washed out of letters with water.



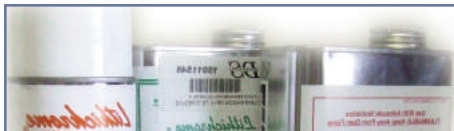
DS Item #	Size
15011525	25 lb. box

LITHCO "JOINT AND BOTTOM" SEALER

This will eliminate blackened, water soaked markers, and low bases as well as stone exposed to the ground. When applied to the bottom, the bottom is sealed against the acid and alkali solutions found in the earth, and moisture will dry out without staining. Discoloration from uncured concrete is prevented by the use of sealer. Available in gallon.



DS Item #	Size
15011539	Gallon
15011540	Quart



Spray Guns

PAASCHE ARTIST AIRBRUSH

More monument craftsmen would use an airbrush for designing and lithichroming if they knew how easy this inexpensive Paasche is to use and clean. Sturdy and foolproof. Fine for Lithco Colors.



DS Item #	Model
12013302	VL Set
12013309	VLS Set

K-GRIP SIPHON GUN

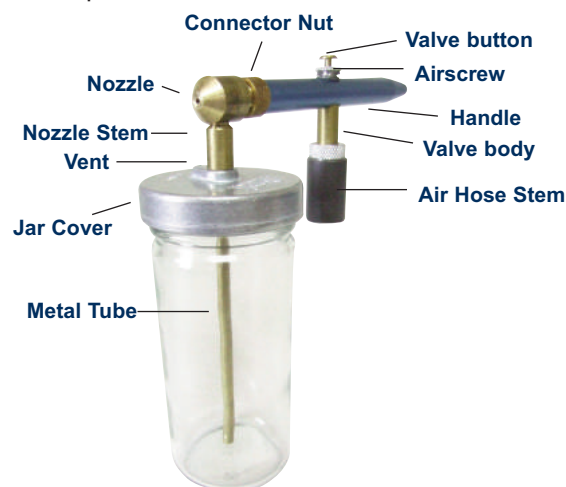
An economical way to spray paints, lacquers and adhesives! Features pin-point accuracy, easy clean-up and ease of use – just set the air pressure and adjust the nozzle. Circular spray pattern is adjustable from 1/2" to 3-1/2" in diameter. Lightweight 16 oz. plastic jar will not break and doubles as a storage container for finishes. Durable metal construction.



DS Item #
12013160

AIRMITE SPRAY GUN

The Airmite Spray Gun is specifically designed for the spraying of Lithichrome materials. Due to its highly efficient atomizing, it is the most economical sprayer available. With the minimum of care, the Airmite will give highly satisfactory results and trouble-free performance. The Airmite operates on any amount of air pressure – from 20 to 50 pounds.



DS Item #	Description
15011497	Airmite spray gun
15011498	Glass Replacement Jar
15011499	Plastic Replacement Jar
Replacement Parts	
12113309	Nozzle Stem
12113310	Valve Button & Airscrew
12113311	Compression Spring (not shown)
12113312	Handle
12113313	Hose Adaptor (not shown)
12113314	Jar Cover
12113315	Jar Cover Gasket (not shown)
12113316	Material Tube
12113317	Nozzle
12113318	Connector Nut
12113319	Connector stud (not shown)
12113320	Valve Body
12113321	Valve Core (not shown)

DS TECH TIP

SOLVENT FOR CLEANING AIRMITE

Flush after each use and the Airmite will always be ready for use. The easiest way is to place the Airmite (after use) in a closed vessel containing Lithco Solvent. Have enough solvent in vessel to cover nozzle and material tube only. If this is done, no flushing is necessary. Gasoline or naphtha are of no value for cleaning the Airmite, as they will not dissolve colors or Shadows.

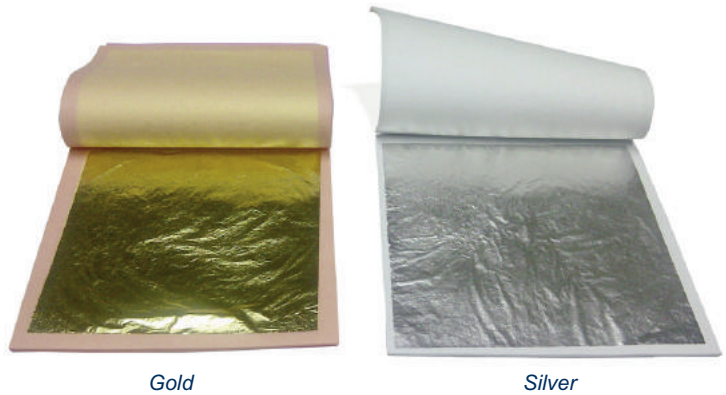


Gold Leaf & Accessories

GOLD AND SILVER LEAF

These products come in individual leaf form interlaced with paper 3-3/8" square size and 25 leaves per booklets, 20 booklets per box. This product is 23 Karat Gold.

DS Item #	Description
14011482	Gold leaf patent (booklet)
14011483	Gold leaf surface (booklet)
14011484	Silver leaf (booklet)
14013696	Yellow Burnish Sealer 8 oz.



Gold

Silver

GOLD SIZE

Used in the application of gold leaf as a clear gilders adhesive (size) and is available in quick and slow set formulas.



DS Item #	Description	Size	Tack *	Full-Cure
14013682	Slow Set	8 oz.	10 - 12 hours	72 hours
14013681	Quick Dry	8 oz.	1-1/2 hours	36 hours

*Track and Full-Cure are subject to gilder's technique, thickness of film and ambient temperature when applied.

ACRYLIC TOPCOAT

For gilding. Is a non-reactive premium water clear vehicle composed of acrylic copolymers with outstanding characteristics. It's viscosity allows application by brush or spray over gilders leaf requiring protection from abrasion, water, ultra-violet and chemical resistance. It is not intended for use as an architectural coating.

DS Item #	Size	Dry Time	Hard Cure
14013697	Pint	1 - 3 hours	10 - 12 hours



DS TECH TIP

USING GOLD AND SILVER LEAF

- Patent Gold leaf is on paper backing for outdoor applications
- Silver leaf must have a UV resistant clear top coat to avoid discoloration in sun.



Setting Equipment

Setting Supplies 14.2

Nameplates 14.4

Setting & Pinch Bars 14.5

Clamps & Lifters 14.6

Setting Equipment 14.7

Truck Mounted Cranes 14.9





Setting Supplies

SETTING COMPOUND

A specially designed product to keep water from entering between base and monument, this product is not an adhesive. Available in several colors as stated below.

DS Item #	Color
16011683	Light Grey
16011684	White
16011682	Dark Grey



PLASTIC SETTING CUSHIONS

These are placed between base and die to create a small air space, during setting of monument to base. When these cushions are placed approximately 1/2" inside of each corner of the monument and setting compound is placed all around the outside, when the monument is set on the cushions it will create a vacuum for an almost inseparable bond. This prevents the setting compound from being squeezed out and creates a proper seal.



DS Item #	Description
16011669	1/16" x 1" x 1" setting cushions (100/pk)
16011671	1/8" x 1" x 1" setting cushions (100/pk)
16011670	1/4" x 1" x 1" setting cushions (100/pk)
16011678	6" x 1/4" x 1" setting strips
16011672	8" x 1/4" x 1" setting strips
16011668	10" x 1/4" x 1" setting strips
16011679	6" x 1/2" x 1" setting strips
16011673	2" x 2" x 1" setting blocks

LEAD SETTING PRODUCTS

These can be used in place of setting cushions to help seal the joint between base and die, especially useful when dealing with very heavy monuments. Available in several thickness and shapes. #3 wedge lead is used primarily for setting, while the round lead can be used also as well as for lead-lettering.



DS Item #	Weight	Description
16011687	25 lb	1/8" Round lead. Spool
16011688	25 lb	3/16" Round lead. Spool
16011686	25 lb	1/4" Round lead. Spool
16011689	25 lb	#3 Wedge Lead
16011685	25 lb	1/4" x 3/4" Flat

* Sold by pound, best price on complete spool.



Setting Supplies

DS TECH TIP

DOWEL PINS

Dowel pins are used in combination with setting compound to provide additional stability between the monument (die) and base, thus making displacing or tipping the monument over nearly impossible without breaking the monument. Most commonly used in 6" lengths for typical monuments, they are also available in longer lengths. Holes are normally drilled in the shop but can also be drilled on-site with a plug drill and bits.

DOWEL PINS

Available in aluminum or stainless steel (custom lengths available). A must for stability and safety of setting a monument to the base.



DS Item #	Description
16011655	3/8" x 6" Aluminum dowel pins
16011664	1/2" x 6" Aluminum dowel pins
16011665	5/8" x 6" Aluminum dowel pins
16011674	Aluminum rod Sold by the foot
16011697	3/8" x 6" Stainless steel dowel pins
16011698	1/2" x 6" Stainless steel dowel pins

Custom lengths available on request.

ADJUSTABLE CHAIN FOR PIN LEWIS

1.7 ton



DS Item #	Description
25014854	Single Loop ; Adjustable

PIN LEWIS

Used for lifting large pieces and placing them in desired location.



DS Item #	Pin Size	Pin Length	Capacity (lb)
26012274	1/2"	3 1/2"	750
26012278	5/8"	4"	1500
26012277	3/4"	4-1/2"	3000
26012279	7/8"	5"	6000
26012275	1"	6"	9000
25014824	1-1/8"	6-1/2"	12,000
26012273	1-1/4"	7"	18,000
26014981	1-1/2"	7"	24,000

* Note: Certified chains available.

For more information, please see section 15 **Lifting & Handling** for a selection of Slings and Sling Bars.





Nameplates

NAMEPLATES

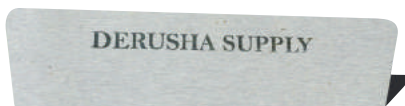
Nameplates are available in various styles and sizes in either metal or stainless steel, nameplates can be customized with company logos or artwork. Standard lengths are 2", 2-1/2" and 3". Our nameplates are fully guaranteed for 5 years against fading & corrosion, our commitment to you quality and first class service.

METAL PHOTO BENT DIE



DS Item #	Quantities
17011720	100
17011722	200
17011724	250
17011725	500
17011721	1000
17011723	2000

METAL PHOTO BENT DIE ROUNDED CORNERS



DS Item #	Quantities
17011727	100
17011729	200
17011731	250
17011732	500
17011728	1000
17011730	2000

METAL PHOTO FLAT BLACK WITH WHITE LETTERS



DS Item #	Quantities
17011734	100
17011736	200
17011738	250
17011739	500
17011735	1000
17011737	2000

STAINLESS BENT DIE



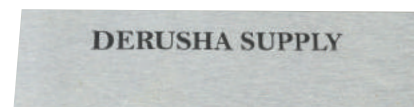
DS Item #	Quantities
17011742	100
17011744	200
17011746	250
17011747	500
17011743	1000
17011745	2000

STAINLESS BENT DIE ROUNDED CORNERS



DS Item #	Quantities
17011749	100
17011751	200
17011753	250
17011754	500
17011750	1000
17011752	2000

STAINLESS FLAT WITH MAC-TAC



DS Item #	Quantities
17011756	100
17011758	200
17011760	250
17011761	500
17011757	1000
17011759	2000

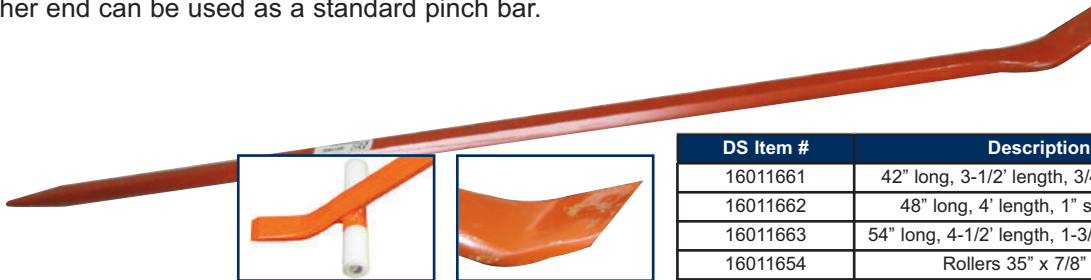
We will fax a proof to you for your approval. There may be up to a 20% overrun or shortage from the ordered quantity and your invoice will be adjusted accordingly. Delivery time 3-4 weeks from date of order confirmation.



Setting & Pinch Bars

SETTING BARS & SETTING BARS WITH ROLLERS

These bars are specifically designed to set monuments. The lip is wider and thinner to help prevent damages and the hex shaft is rounded for comfort with a point. The bar with rollers allows easy positioning of smaller monuments and the other end can be used as a standard pinch bar.



with rollers

DS Item #	Description
16011661	42" long, 3-1/2' length, 3/4" stock, 6 lb
16011662	48" long, 4' length, 1" stock, 10 lb
16011663	54" long, 4-1/2' length, 1-3/8" stock, 13 lb
16011654	Rollers 35" x 7/8" stock

PINCH BARS

These bars have the same lips as the setting bars but the stock is hex all the way. These bars are stronger and have a point for digging.



DS Item #	Description
16011650	26" length, 3/4" Hex Stock
16011651	30" length, 7/8" Hex Stock
16011652	36" length, 1" Hex Stock
16011653	48" length, 1" Hex Stock
16011656	60" length, 1 1/4" Hex Stock

PRY BAR

This heavy-duty pry-bar has a strong 3" wide heavy-duty blade. Trade people have declared this bar as unbeatable.



DS Item #	Description
16013894	GG630 56" Pry bar (wt = 14 lb)

ROCKER HEAD PRY BAR

Extra heavy-duty, unique rocker head for more power without blocking. Open claw design works in tight hard to reach areas.



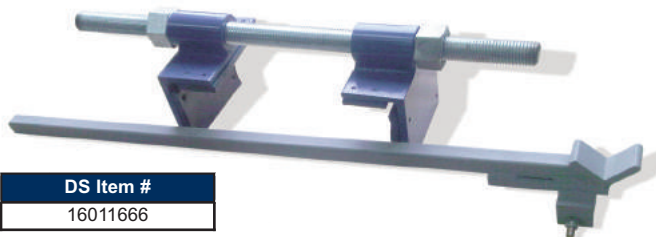
DS Item #	Description
16013890	GG632 rocker head pry bar
16013891	GG634 rocker head pry bar



Clamps & Lifters

NON-SLIP CLAMP (20" BOLT)

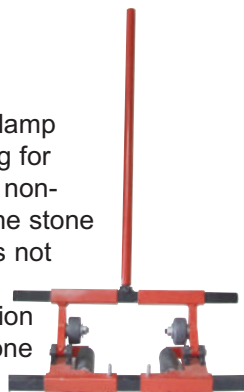
Non-slip clamp with wrench. For raising and lowering one bottom side of 8" to 14" thick polished monuments when setting them. There is no danger of chipping the stone when using this clamp. Not for lifting the entire piece. Used for setting monuments. Includes a wrench.



DS Item #
16011666

DS 774

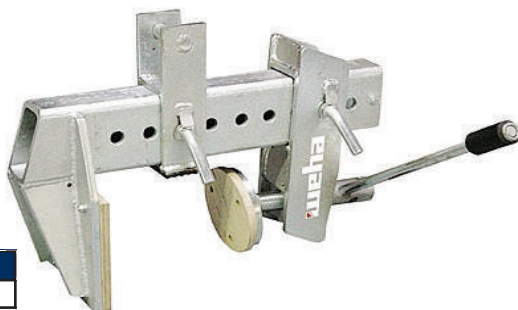
The DS-774 cam lock stone clamp features an adjustable opening for different size monuments, the non-marking cams close against the stone ensuring that the monument is not scratched or chipped in the setting process, this combination of clamp and bar together in one tool makes positioning of the stone quick and easy.



DS Item #	Description
25020185	Cam lock stone clamp 6" to 12"

WEHA R 1000 PLUS CLAMP

Manually Adjustable Clamp. 12" Max Width. 2200 lbs capacity



DS Item #
25014671

ARCTURUS LIFTER

Designed especially for thicker stone & the monument industry. The new Arcturus lifter is capable of lifting stones from 3/4" - 4" (2-10 cm)

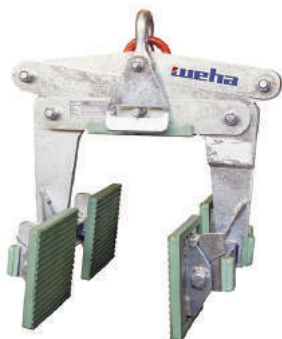


NEW

DS Item #	Model	Grip
25014740	ARL-100	3/4" - 4"

WEHA R 1500 CLAMP

Heavy Duty Slab Sissors Clamp. 10" Max Width. 3300 lbs capacity



DS Item #
25020334

MONUMENTALL LIFTING CLAMP

Scissors Type Lifting Clamp. 4" to 18" Width Range. 2500 lbs capacity



DS Item #
25020437



For a greater selection of Clamps & Lifters, please see section 15 **Lifting & Handling**.



Setting Equipment

S5A MONUMENT SETTING TRUCK ECONO MONUMENT SETTING TRUCK

This hand truck has been designed specifically for the monument and granite industry. It is manufactured using 1" steel tubing which ensures a sturdy frame for years of demanding service. Contact points on this hand truck use replaceable molded rubber strips to protect polished surfaces from damage, the dual wheel configuration with pneumatic tires prevents damage to turf and soft ground, as well as providing the extra strength needed for large monuments.

Swivel casters placed farther up on the handles converts the unit into a four wheel truck when laying down which aids in the loading and unloading of the unit. The braking system allows the user to easily control heavy loads when going downhill. The toe plate is angled for leverage, and is designed to rest on the base stone when setting monuments. The 1500 lb capacity allows the user to easily transport virtually any stone encountered on the job.

S5A & Econo Features:

- Brake Lever on handle
- High quality steel components for durability
- 4 Pneumatic Tires with wheel
- Bearings for easy maneuverability on any surface
- Rubber protective strips to protect against scratches on polished surfaces
- Rubber on toe plate
- Heavy Duty swivel casters

ECONO REPLACEMENT PARTS

DS Item #	Description
16013906	740 Wheel Replacement Tire / Rim 240 Green
16013900	MW6520 Shoe Rubber 7" x 24" for 240 Green
16013901	MW6528 28" Replacement Rubber (1 req) 240 Green
16013902	MW6550 41" Replacement Rubber (2 req) 240 Green



DS Item #	Description
16013889	S5A Grey Original Setting Truck / Hand Brake
16013897	7-240-4P/B Green Econo Setting Truck W/Brakes

S5A REPLACEMENT PARTS

DS Item #	Description
19913921	Rubber grip 1-1/4"
19913920	Caster for handle end (2 required)
19913928	23" Steel track for rubber (2 required)
19913929	9" Steel track for rubber (5 required)
19913930	Set of steel track (2 x 23" and 5 x 9")
19913924	Moulded rubber strip (2 required)
19913925	Moulded rubber strip (5 required)
19913926	Set of moulded rubber strips (2 x 23" and 5 x 9")
19913931	Wheel (rim & tire) (4 required)
19913943	Tube for Tire (350-400-6 TR13)
19913932	Large Wheel bearing (4 required)
19913919	Wheel bearing w/bushing old style (4 required)
19913927	24" X 8" X 1/8" Tongue rubber



Setting Equipment

PRO-MOVER MOTORIZED HAND TRUCK

The Pro-Mover is a motorized moving truck that can be used for monument or other large stones. The unit features pneumatic tires and one hand steering for easy movement - even on the most difficult terrain! It has a long-lasting marine battery, with a powerful 1.3 HP, 12 Volt motor to get you where you need to go... even up and down hills and valleys. The Pro-Mover also features ball bearing flange blocks, a large weight capacity and heavy duty differential that you can count on to the the job, no matter where you use it. Its compact design will give you easy maneuverability and the heavy gauge metal construction will provide longtime durability. 1,500 lbs capacity.

The Pro-Mover is great for moving:

- Monuments
- Landscaping Stones
- Concrete
- Gravel
- Blocks
- Bricks
- Mulch
- Much more

The Pro-Mover will:

- Improve your operations
- Reduce fatigue of personnel, giving you the opportunity to get more production with less manpower
- Provide long term durability, saving you time and money for years to come



DS Item #	Description
16013904	Pro-Mover MOTORIZED TRUCK 1,500lbs Capacity



Truck Mounted Cranes

HIAB CRANES

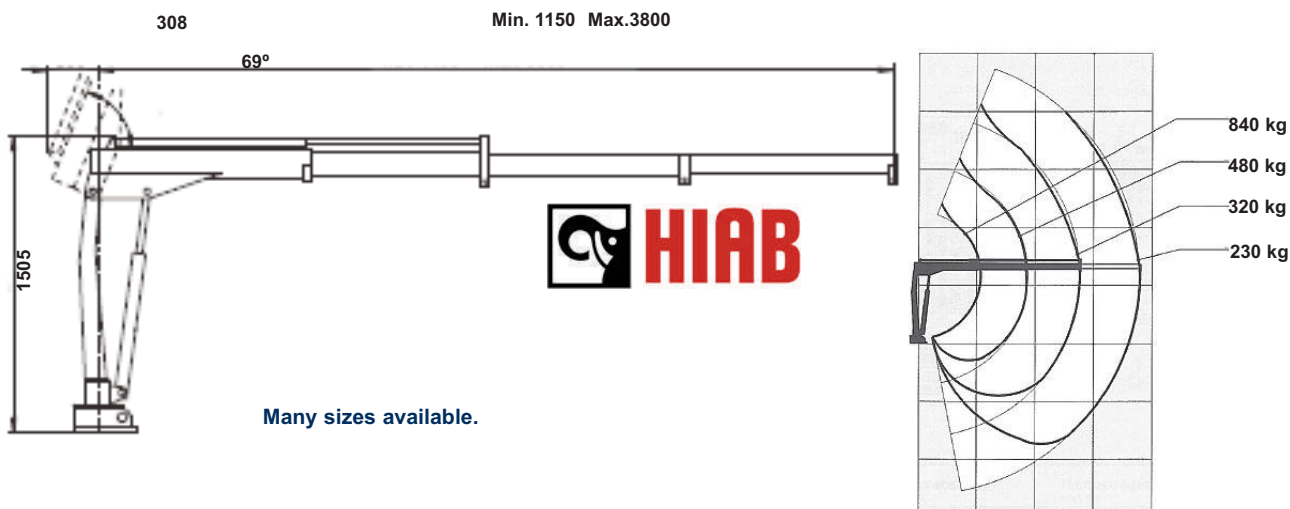
Hiab cranes offer a complete product line with a wide range of outreach and lifting capacities featuring the most modern technology available, these units will operate year after year with a minimum of maintenance while providing the operator with a safer and more reliable working environment.



CALL US TODAY TO DISCUSS WHICH HIAB IS RIGHT FOR YOU!

HIAB 008T

The HIAB 008T is the ideal loading aid. It is strong and has a long outreach but yet the space it requires in the parked position is minimal. There are three extension options: all manual, one or two hydraulic extensions. It is easy to mount on most truck models thanks to the smooth underside on the crane base. Economical and great for the monument trade!





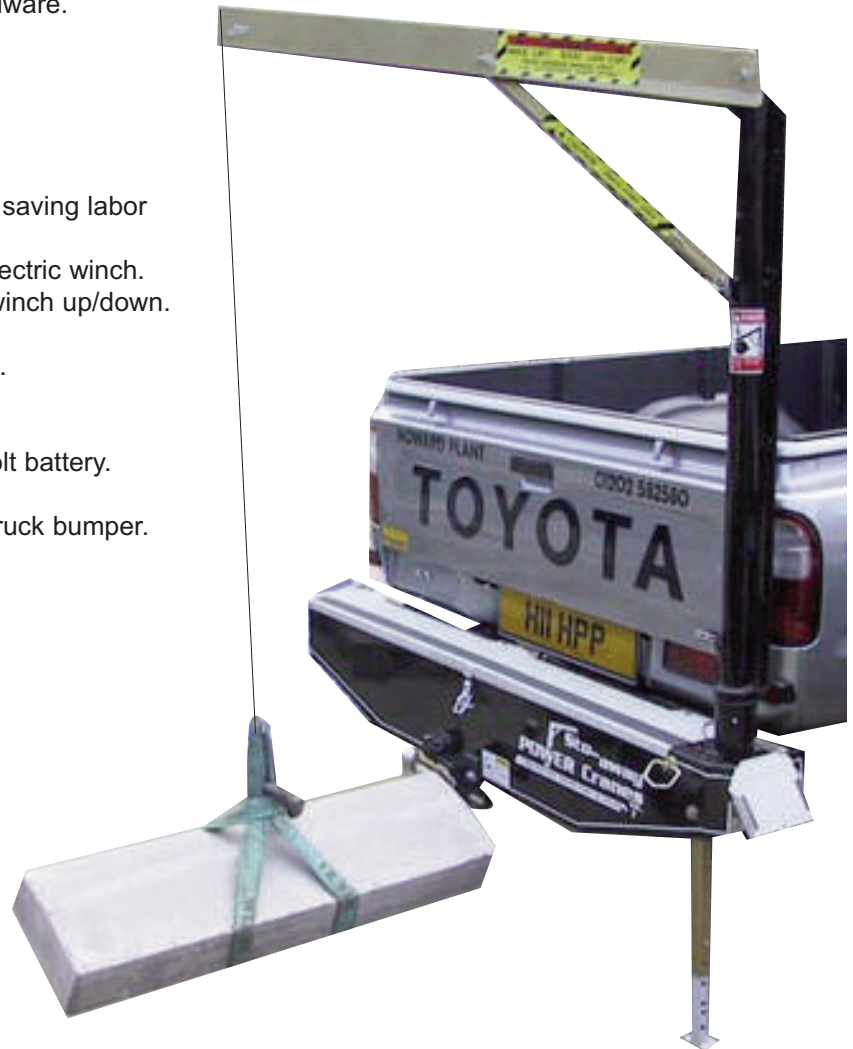
Truck Mounted Cranes

STO-AWAY POWER CRANES

For over 26 years, Stow-Away has been turning pick-ups, trailers and vans into real work trucks. The Stow-Away Power Cranes replaces the rear bumper and attaches directly to your trucks frame. Simple to install, comes pre-wired, tested and with all the necessary hardware.

Benefits:

- Takes no bed space.
- One man can unload pick-up or truck saving labor costs.
- Lift 1,000 to 3,000 lb effortless with electric winch.
- Removable hand pendant to control winch up/down.
- Aircraft quality
- No suspension modifications required.
- Unfold crane safely in 10 seconds.
- Weather Resistant package.
- Receives power from the trucks 12 volt battery.
- Receiver hitch built in.
- Folds into metal box which replaces truck bumper.
- 3 year warranty.



Also available Quickset model:

Economical pedestal model that fits on a trailer but does not fold.

Call us today to discuss your needs.

Model	Cranes	Max Reach	Approximate	Bumper		Approximate
	Max Rating	From the truck	Work Elevation	Depth	Width	Weight Installed
5T	2000#	48"	94 & 101	9"	77-1/2"	316
6T	2000#	48"	100 & 119	9"	90" to 102"	331
7	2500#	54"	94 & 101	10-1/4"	78-1/2 " to 102"	419
8	3000#	54"	104 & 123	10-1/4"	90" to 102"	463
Quickset JR	500# - 42" reach		0 Horiz. To 61°	N/A		120 to 190
Quickset 10	1,000# - 72" reach		0 Horiz. To 61°			120 to 190
Quickset 15	1,500# - 72" reach		0 Horiz. To 61°			120 to 190
Quickset 20	2,000# - 72" reach		0 Horiz. To 61°			120 to 190



Lifting, Material Handling & Storage

Lifting Clamps 15.2

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Slings 15.6

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Monument Carts & Lift Tables 15.31

Roller Sections 15.32

For a greater selection of Monument Clamps & Setting Equipment,
please **see section 14 Setting Equipment.**



Lifting Clamps

ABACO LIFTER

Lift stone slab safely and easily with the Abaco lifter

- Unbreakable center plate
- Stronger lifting pin
- Lower overall height
- Straighter lift
- Larger grip range
- Stainless steel swivel shackle

Black rubber

White rubber



White rubber

DS Item #	Model	Grip	Capacity
25014370	Abaco-50	10 to 50 mm (5/8" - 2")	1000 kg
25014371	Abaco-75	20 to 75 mm (1-1/8" - 3")	1000 kg

Black rubber

DS Item #	Model	Grip	Capacity
25014481	Abaco-50	10 to 50 mm (3/8" - 2")	1200 kg
25014459	Abaco-75	20 to 75 mm (3/4" - 3")	1200 kg

ABACO SC100

Auto lock for easy release.
Long lasting, fully vulcanized rubber pads.
All natural rubber provides a better grip.
Protective rubber across the jaws prevents chipping. Swivel eye and bow shackle included
Replacement pads available.



DS Item #	Model	Grip	Capacity
25014495	SC100	3/8" - 4"	750 kg

ABACO ARCTURUS LIFTER

Designed especially for thicker stone & the monument industry. The new Arcturus lifter is capable of lifting stones from 3/4" - 4" (2-10 cm)

NEW



DS Item #	Model	Grip	Capacity
25015740	ARL-100	3/4" - 4"	2200

weha SLAB GRAB JUMBO R1000 SCISSOR LIFTER

Built for moving thicker pieces from 10" to 20" thick. It has an autolock built in. Jaws and rubber grip pads have heavy duty rubber to grip tightly to the stone and not scratch or damage the material being transported. That lifter is completely galvanized for years of use indoors and outdoors.



DS Item #	Model	Grip	Capacity
25014108	Slab Grab Jumbo R1000 Scissor Lifter	10" to 20"	2205 lbs



Lifting Clamps

weha SLAB GRAB R1000 SCISSOR LIFTER

Heavy Duty Slab scissors clamp.
8" Max Width.
2205 lbs capacity.



DS Item #	Description
25020424	Slab Grab R 1000 Scissor Lifter

weha RIBA 1 CABLE SCISSOR LIFTER

Operated by 2 super strong steel
wire cables and roller bearings.
3" Max Width.
1102 lbs capacity.



DS Item #	Description
25014312	Weha Riba 1

weha RIBA 2 CABLE SCISSOR LIFTER

Operated by 2 super
strong steel wire
cables and roller
bearings.
6" Max Width.
2646 lbs capacity.



DS Item #	Description
25014313	Weha Riba 2

weha RIBA 3 CABLE SCISSOR LIFTER

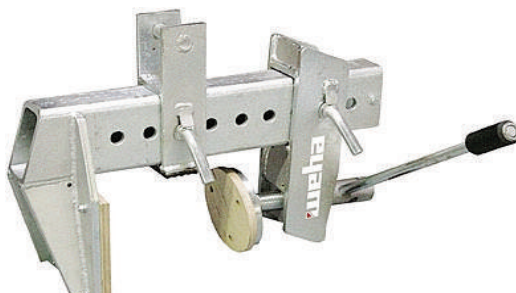
Operated by 2 super
strong steel
wire cables and roller
bearings.
11" Max Width.
3087 lbs capacity.



DS Item #	Description
25014314	Weha Riba 3

weha R 1000 PLUS CLAMP

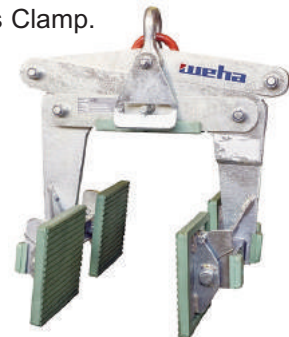
Manually Adjustable Clamp. 12" Max Width. 2200 lbs
capacity



DS Item #	Description
25014671	Weha R 1000 Plus Clamp

weha R 1500 CLAMP

Heavy Duty Slab Sissors Clamp.
10" Max Width.
3300 lbs capacity



DS Item #	Description
25020334	Weha R 1500 Clamp



Booms

ABACO SLAB FORKLIFT BOOM

- Designed for use with 2 and 2.5 ton forklift trucks
- Offer versatility with maximum visibility for the driver fully extended, the boom reaches to 94-1/2" (2400 mm)
- Can be used with all Abaco Machines lifters
- Slots for forks measure 6-1/2" x 2-1/2" (165 mm x 63 mm)



DS Item #	Model	Weight - Lb.
25014401	AFJ-25	225

Length	Width	Height	Length Range	W.L.L.
55"	22"	14-1/2"	42-1/2" - 94-1/2"	4400 - 1100

HEAVY DUTY TELESCOPIC BOOM

Unique performance, convenience and safety features are built into every Lift Master Boom. Fabricated from structural steel with welding to meet AWS creates a rugged and durable boom that will provide long term service. Telescopic units extend to 144" and come with an infinitely adjustable locking screw. Fork pockets for 4,000 pound capacity models measure 7-1/2"W x 2-1/2"H usable on 24" centers.



Model LM-IT



Model LM-EBT

**GREAT FOR CONTAINERS
AND OTHER CONFINED SPACES**

DS Item #	Description
25014450	Model LM-IT
25014453	Model LM-EBT

FORK MOUNTED FIXED POSITION HOOK

Rugged all steel construction for lifting.

Features:

- 4,000 lb. capacity
- Slips on forks easily
- Secures on forks for added safety.



DS Item #	Description
25014560	Model D-FORK-4S



Sling Bars & Yokes

SLING BAR 34"

The sling bar is a versatile tool that offers 3 different lifting positions for a set of type 5 endless slings, the 3 positions; 11", 20", & 29" centers allow for the easy change of position and safe lifting of multiple sizes of stone. The sling bar is also ideal for locations with low headroom as the slings will hang within 5" of the hook.

Capacity:

- 4,800 pounds on inside rollers
- 2,400 pounds on middle rollers
- 1,250 pounds on outside rollers

Compliance tested:

- Compliance tested for weight rating (OSHA/CSST), Tag for lifting unit and paperwork is included.
- Certification is done on an individual basis.



DS Item #	Description
25014912	34" Sling bar with 3 positions
25014822	34" Sling Bar, 3 Position, Certified
25015206	25" Sling Bar, 2 Position

ABACO SPREADER BEAM M2

- Convenient and effective design
- Straps can easily be hooked onto the beam at designated slots
- Ideal for the loading and unloading of containers
- 6 preset slots with the W.L.L. clearly displayed
- Straps are 82" long

DS Item #	Description
25020012	Spreader Beam M2

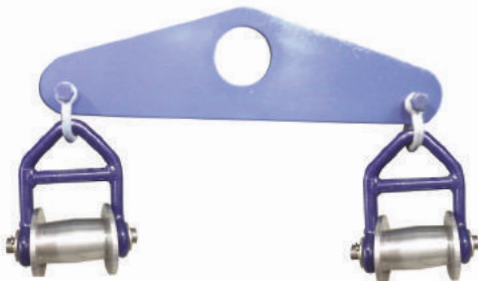


YOKE

This unit is used with type 5 endless slings and is best suited for flipping stone, the roller units are tapered from the center to the outside edge to help keep sling centered in the roller, heavy duty bearings inside the roller unit ensures a smooth rolling action and long life.

Optional Compliance tested:

- Compliance tested for weight rating (OSHA/CSST), Tag for lifting unit and paperwork is included.
- Certification is done on an individual basis



Roller



Shackle

DS Item #	Description
25015005	15" C/C 3 Ton Yoke & Roller Assembly
25015200	15" C/C 3 tested Ton Yoke & Roller Assembly
25015006	24" C/C 3 Ton Yoke & Roller Assembly
25015201	24" C/C 3 Ton tested Yoke & Roller Assembly

REPLACEMENT PARTS

DS Item #	Description
25014868	Roller assembly set of 2 (for yoke & 4" slings)
25014703	3 1/4 Ton Shackle for Roller Assembly

*** Yokes and sling bars with higher capacities can be custom made according to needs, call us for details!**



Slings

TYPE 5 SLING

Type 5 endless loop slings are used with the sling bar and yoke in a basket hitch , this setup allows for the highest weight capacity of the sling , type 5 slings are sold as pairs and come in either single or double ply configuration . We stock a large range of sizes from 3' to 12' in length and can be ordered with varying widths from 1" to 12" .

Our most popular sling!



ENDLESS 1" WIDTH 1 PLY

DS Item #	Description
28015709	1" x 3ft (1 ply)
28015880	1" x 4ft 6" (1 ply)
28015881	1" x 5ft (1 ply)
28015985	1" x 6ft (1 ply)
28015878	1" x 8ft (1 ply)

ENDLESS 2" WIDTH 1 PLY

DS Item #	Description
28015853	2" x 3ft (1 ply)
28015715	2" x 3ft + 6" (1 ply)
28015817	2" x 4ft (1 ply)
28015818	2" x 5ft (1 ply)
28015819	2" x 6ft (1 ply)
28015820	2" x 7ft (1 ply)
28015821	2" x 8ft (1 ply)
28015822	2" x 10ft (1 ply)
28015823	2" x 12ft (1 ply)

ENDLESS 2" WIDTH 2 PLY

DS Item #	Description
28015746	2" x 3ft + 6" (2 ply)
28015831	2" x 4ft (2 ply)
28015832	2" x 5ft (2 ply)
28015833	2" x 6ft (2 ply)
28015834	2" x 7ft (2 ply)
28015865	2" x 7ft + 2" (2 ply)
28015835	2" x 8ft (2 ply)
28015836	2" x 10ft (2 ply)
28015837	2" x 12ft (2 ply)

ENDLESS 4" WIDTH 1 PLY

DS Item #	Description
28015846	4" x 3ft (1 ply)
28015850	4" x 3ft + 6" (1 ply)
28015864	4" x 4ft + 6" (1 ply)
28015825	4" x 5ft (1 ply)
28015738	4" x 5ft + 6" (1 ply)
28015826	4" x 6ft (1 ply)
28015929	4" x 6ft + 6" (1 ply)
28015827	4" x 7ft (1 ply)
28015828	4" x 8ft (1 ply)
28015829	4" x 10ft (1 ply)
28015830	4" x 12ft (1 ply)

ENDLESS 4" WIDTH 2 PLY

DS Item #	Description
28015845	4" x 3ft (2 ply)
28015851	4" x 3ft + 6" (2 ply)
28015862	4" x 4ft + 6" (2 ply)
28015839	4" x 5ft (2 ply)
28015856	4" x 5ft + 6" (2 ply)
28015840	4" x 6ft (2 ply)
28015931	4" x 6ft + 6" (2 ply)
28015841	4" x 7ft (2 ply)
28015932	4" x 7ft + 6" (2 ply))
28015842	4" x 8ft (2 ply)
28015876	4" x 9ft (2 ply)
28015843	4" x 10ft (2 ply)
28015855	4" x 11ft (2 ply)
28015844	4" x 12ft (2 ply)
28015944	4" x 16ft (2 ply)



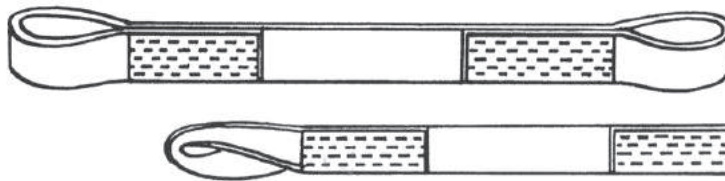
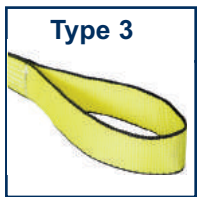
Slings

TYPE 3 AND TYPE 4 SLING

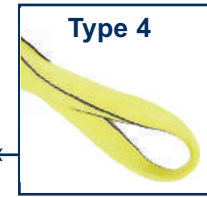
Type 3 flat eye slings can be used in any of the 3 hitch styles depending on the needs of the user, they are easier to remove from beneath the load after the load is in place due to their thinner profile. These slings are sold individually and can be ordered in widths from 1" to 12" and come in 1, or 2 ply thicknesses at any length.

Type 4 twisted eye slings are similar to the type 3 slings except that the eyes are turned to form an easier choker hitch, as well if using with a hook the eyes will sit easier together. Type 4 slings are sold individually and are available in widths from 1" to 12" and in 1, or 2 ply thicknesses at any length.

FLAT EYE



TWISTED



FLAT EYE 2" WIDE 1 PLY

DS Item #	Description
28015729	2" x 5 ft Type 3 (1 ply)
28015934	2" x 8 ft Type 3 (1 ply)
28015964	2" x 10 ft Type 3 (1 ply)
28015936	2" x 20 ft Type 3 (1 ply)

FLAT EYE 3" WIDE 2 PLY

DS Item #	Description
28015901	3" x 10 ft Type 3 (2 ply)
28015952	3" x 15 ft Type 3 (2 ply)
28015946	3" x 20 ft Type 3 (2 ply)

TWISTED 2" WIDE 2 PLY

DS Item #	Description
28015971	2" x 4 ft Type 4 (2 ply)
28015921	2" x 5 ft Type 4 (2 ply)
28015866	2" x 8 ft Type 4 (2 ply)
28015852	2" x 10 ft Type 4 (2 ply)
28015863	2" x 12 ft Type 4 (2 ply)
28015961	2" x 14 ft Type 4 (2 ply)
28015894	2" x 16 ft Type 4 (2 ply)
28015949	2" x 18 ft Type 4 (2 ply)
28015948	2" x 20 ft Type 4 (2 ply)
28015953	2" x 24 ft Type 4 (2 ply)
28015963	2" x 30 ft Type 4 (2 ply)

FLAT EYE 3" WIDE 1 PLY

DS Item #	Description
28015870	3" x 17 ft Type 3 (1 ply)
28015900	3" x 20 ft Type 3 (1 ply)

FLAT EYE 4" WIDE 2 PLY

DS Item #	Description
28015708	4" x 8 ft Type 3 (2 ply)
28015933	4" x 9 ft Type 3 (2 ply)
28015890	4" x 10 ft Type 3 (2 ply)
28015955	4" x 15 ft Type 3 (2 ply)
28015978	4" x 30 ft Type 3 (2 ply)
28015915	4" x 32 ft Type 3 (2 ply)

TWISTED 3" WIDE 2 PLY

DS Item #	Description
28015941	3" x 12 ft Type 4 (2 ply)
28015987	3" x 16 ft Type 4 (2 ply)
28015922	3" x 18 ft Type 4 (2 ply)
28015907	3" x 20 ft Type 4 (2 ply)
28015908	3" x 30 ft Type 4 (2 ply)

FLAT EYE 4" WIDE 1 PLY

DS Item #	Description
28015786	4" x 16 ft Type 3 (1 ply)

TWISTED EYE 2" WIDE 1 PLY

DS Item #	Description
28015970	2" x 4 ft Type 4 (1 ply)
28015892	2" x 5 ft Type 4 (1 ply)
28015887	2" x 6 ft Type 4 (1 ply)
28015799	2" x 7 ft Type 4 (1 ply)
28015983	2" x 8 ft Type 4 (1 ply)
28015791	2" x 10 ft Type 4 (1 ply)
28015792	2" x 12 ft Type 4 (1 ply)
28015935	2" x 18 ft Type 4 (1 ply)
28015867	2" x 20 ft Type 4 (1 ply)

TWISTED 4" WIDE 2 PLY

DS Item #	Description
28015980	4" x 6 ft Type 4 (2 ply)
28015905	4" x 7 ft Type 4 (2 ply)
28015805	4" x 8 ft Type 4 (2 ply)
28015909	4" x 9 ft Type 4 (2 ply)
28015800	4" x 10 ft Type 4 (2 ply)
28015879	4" x 11 ft Type 4 (2 ply)
28015897	4" x 12 ft Type 4 (2 ply)
28015802	4" x 14 ft Type 4 (2 ply)
28015803	4" x 16 ft Type 4 (2 ply)
28015920	4" x 18 ft Type 4 (2 ply)
28015888	4" x 20 ft Type 4 (2 ply)
28015966	4" x 26 ft Type 4 (2 ply)
28015962	4" x 30 ft Type 4 (2 ply)

FLAT EYE 2" WIDE 2 PLY

DS Item #	Description
28015910	2" x 6 ft Type 3 (2 ply)
28015899	2" x 7 ft Type 3 (2 ply)
28015990	2" x 8 ft Type 3 (2 ply)
28015703	2" x 10 ft Type 3 (2 ply)
28015898	2" x 12 ft Type 3 (2 ply)
28015701	2" x 13 ft Type 3 (2 ply)
28015883	2" x 14 ft Type 3 (2 ply)
28015884	2" x 16 ft Type 3 (2 ply)
28015885	2" x 18 ft Type 3 (2 ply)

TWISTED EYE 4" WIDE 1 PLY

DS Item #	Description
28015906	4" x 8 ft Type 4 (1 ply)
28015794	4" x 10 ft Type 4 (1 ply)
28015947	4" x 16 ft Type 4 (1 ply)
28015977	4" x 30 ft Type 4 (1 ply)



Slings

DS TECH TIP

SYNTHETIC WEBBING SLINGS								
Working Load Limit (WLL), 1 Ply, Class 7 in Pounds								
Width in.	Types 1, 2, 3, and 4 Single Leg			Two-Leg or Single Basket Horizontal Angle				Type 5 Endless
	Vertical	Choker	Vertical Basket	Vertical	60°	45°	30°	Vertical
1	1600	1280	3200	3200	2800	2300	1600	3200
2	3100	2480	6200	6200	5400	4400	3100	6200
3	4700	3760	9400	9400	8100	6600	4700	9400
4	6200	4960	12400	12400	10700	8800	6200	12400
5	7800	6240	15600	15600	13500	11000	7800	15600
6	9300	7440	18600	18600	16100	13200	9300	18600
8	11750	9400	21150	21150	18300	15000	11750	21150
10	14700	11760	26450	26450	22900	18700	14700	26450
12	17650	14120	31750	31750	27500	22400	17650	31750
Working Load Limit (WLL), 2 Ply, Class 7 in Pounds								
1	3100	2480	6200	6200	5400	4400	3100	6200
2	6200	4960	12400	12400	10700	8800	6200	12400
3	8800	7040	17600	17600	15200	12400	8800	17600
4	11000	8800	22000	22000	19100	15600	11000	22000
5	13700	10960	27400	27400	23700	19400	13700	27400
6	16500	13200	33000	33000	28600	23000	16500	33000
8	22750	18200	42350	42350	36700	29900	22750	42350
10	28400	22720	52900	52900	45800	37400	28400	52900
12	34100	27280	63500	63500	55000	44900	34100	63500
Working Load Limit (WLL), 4 Ply, Class 7 in Pounds								
1	5500	4400	11000	11000	9500	7800	5500	11000
2	11000	8800	22000	22000	19000	15600	11000	22000
3	16450	13160	32900	32900	28500	23300	16450	32900
4	20400	16320	40800	40800	35300	28800	20400	40800
5	25500	20400	51000	51000	44200	36100	25500	51000
6	30600	24480	61200	61200	53000	43300	30600	61200

(a) The rated loads are based on stuffer weave construction webbing with a minimum certified tensile strength of 9,800 pounds per inch of width of
 (b) Rated loads for type 3 and 4 slings apply to both tapered and non-tapered eye constructions.
 Rated loads for type 5 slings are based on non-taped webbing.
 (c) For choker hitch, the angle of choke shall be 120 degrees or greater.
 (d) Design Factor 5:1, working Load limit
 (e) For type 5 and 6 slings, consult Derusha Supply for rated loads of choker and basket applications.



ROUND SLINGS

Round slings are constructed of 100% polyester load bearing internal yarns. The load bearing yarns are protected by a seamless polyester cover. This style of sling is preferable in some lifting applications due to the fact that they are tubular and have no edges to contend with. You can also order wear pads that are used when lifting loads with sharp edges, they will help protect the integrity of the sling to help ensure a longer life.



DS Item #	Description
28015809	HE 1.5 1500# x 6' Tan round rope sling
28015923	HE 3 3000# x 5' purple round rope sling



Cranes, Hoist & Accessories

O'BRIEN MET-TRACK

The O'Brien MET-TRACK Workstation Bridge cranes enable you to achieve effortless and reliable area-saving overhead handling for a wide variety of applications. Each system is configured with the operator in mind and includes the principle feature of ease of movement, designed to reduce fatigue and ensure accurate load positioning. Floor mounted systems are not a permanent part of your factory and therefore can easily be relocated in the future. The installation is often much simpler and does not apply stresses to the building roof structure. Quality materials and construction ensure operational reliability and safety which facilitate long life combined with minimum maintenance.

Features :

- Capacities up to 4 000 lbs
- Bridge lengths up to 34'
- Runway supports up to 30'
- Modular kit form
- Low cost
- Simple to install and/or extend
- Mixed capacity systems

Features :

- All kits individually sized to suit exact space requirement
- Rigid runways offer superior load positioning
- Enclosed track provides easy movement and long life
- Smooth rolling surface ensures easier movement of bridge and trolleys
- No movement of the bridge
- Installs on any standard 6" concrete floor
- Multiple track profiles and span capabilities
- Cost competitive





Cranes, Hoists & Accessories

ASSISTANT JIB CRANE

Freestanding and wall mounted Assistant jib cranes are a cost effective solution designed for simple operational requirements. A light jib arm and low headroom cantilever are used for the boom. The total height can be adapted to meet individual requirements.

Features:

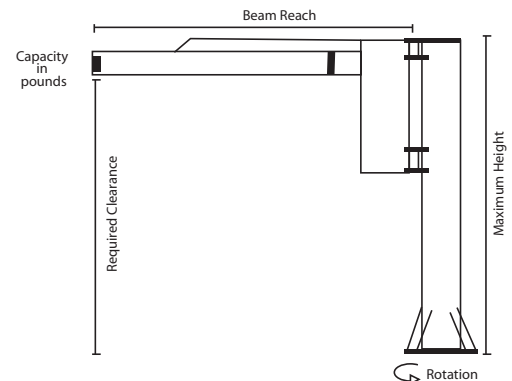
- Capacities up to 4 000 lbs
- Outreach ranges up to 38 ft
- Degree of rotation up to 270°
- Custom designs are available
- Manual or motorized rotation available on selected models
- Large hinge pin and nylon bushing for smooth operation
- Factory welded cantilever boom design
- Factory set preload in jib boom for optimum jib inclination under load
- Welded end stops complete with shock absorbing rubber bumpers
- Boom comprised of structural wide flange beam
- Direct mount base plate option is available.



Capacity in lbs	Outreach in ft															
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
150	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,500	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4,000	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

In order to quote you a Jib Crane, we require the following information:

- Capacity (include all components that you will be hanging on crane and lifting)
- Beam reach
- Required rotation, if not 210 degrees
- Required clearance under beam
- Maximum height (Building clearance: consider all objects in rotation area sprinklers, lights, etc.)



Other Jib Cranes available.

Call us to discuss your specific applications.



Cranes, Hoists & Accessories

GANTRY CRANES

The Adjustable Height Aluminum Gantry Crane combines lightweight and rigid, sturdy construction into one unit. The all aluminum construction of this gantry crane makes it corrosion resistant and perfect for outdoor use. The lightweight I-Beam allows height adjustment without the need of a hoist or fork truck. All pinned connections makes it possible for single person set up and take down in just minutes. Included are two straps for allowing one person to transport the gantry crane in one neat package. Also available with Pneumatic casters!



Festoon System



Total Locking



Pneumatic Casters



V groove

OPTIONS

DS Item #	Description
<i>Call us</i>	Total locking casters (for 2,000 & 4,000 lb. capacity only) (set of 4)
<i>Call us</i>	Four way lock 12" x 3-1/2" Pneumatic casters (1,500 lb. capacity)
<i>Call us</i>	Retrofit Four-way lock pneumatic casters (1,500 lb. capacity)
<i>Call us</i>	8" x 2" V-groove wheels for 2,000 & 4,000 lb. units
<i>Call us</i>	8" x 2" V-groove wheels for 2,000 & 4,000 lb. units (w/ 4 position lock)
<i>Call us</i>	Come-Along for height adjustment (not for lifting)
<i>Call us</i>	Festoon kit, 115A AC Power

Model Overall	Beam Length	Height Under	I-Beam Usable	Height Base	Width Flange	Width Capacity (lbs)	Net Weight
AHA-2-8-10	8'	6"	7'8" to 10'2"	54"	3.75"	2,000	280
AHA-2-8-12	8'	6"	9'6" to 12'	54"	3.75"	2,000	295
AHA-2-10-10	10'	6"	7'8" to 10'2"	54"	3.75"	2,000	294
AHA-2-10-12	10'	6"	9'6" to 12'	54"	3.75"	2,000	310
AHA-2-12-10	12'	8"	7'8" to 10'2"	54"	4"	2,000	325
AHA-2-12-12	12'	8"	9'6" to 12'	54"	4"	2,000	340
AHA-4-8-10	8'	8"	7'8" to 10'2"	54"	4"	4,000	360
AHA-4-8-12	8'	8"	9'6" to 12'	54"	4"	4,000	375
AHA-4-10-10	10'	8"	7'8" to 10'2"	54"	4"	4,000	405
AHA-4-10-12	10'	8"	9'6" to 12'	54"	4"	4,000	431
AHA-4-12-10	12'	8"	7'8" to 10'2"	54"	4.125"	4,000	421
AHA-4-12-12	12'	8"	9'6" to 12'	54"	4.125"	4,000	446



Cranes, Hoists & Accessories

CHAIN HOISTS

The Delta HSZ Chain Hoist is ideal for lifting material in an efficient and safe manner. Its lightweight, easy handling and durability makes it a favorite amongst its users. The main parts of the Chain Block are made of superior steel.

- Automatic double pawl braking system
- Latch-type swivel hook drop forged & special heat treatment
- Both technical parameters and safety factor have reached or surpasses ISO specifications
- Units are tested to 150% of rated capacity and our supplied with a test certificate.
- Bottom hook is thrust bearing equipped for easy positioning of the load in any direction
- Zinc plated hand chain as standard
- Double cover protection
- Durable baked enamel pain protection
- Light weight robust construction



Call for pricing and information.

ELECTRIC HOISTS

The W-series range of electric chain hoists can be distinguished by the following; it's extremely compact size giving the best possible closed headroom, its exceptional quality and its high levels of reliability. All are achieved by having the highest quality manufacturing standards, continuous improvements and quality control. All mechanical parts are examined under stringent conditions and rigorously tested, including long term performance testing to ensure the highest quality, efficiency and extended product life.

The chain hoist has an IP54 protection which protects it against dust, limited ingress and against low pressure jets of water from all directions, limited ingress, for standard indoor use.



Call for pricing and information.

GEAR AND PUSH TROLLEYS

The Push Trolley and CSG Gear Trolley is ideal for moving, repositioning and shifting a wide range of material in an efficient and safe manner. The trolleys can be used in various material handling applications and are offered in all sizes and capacities.

- Sealed ball bearings
- Safety shoes to prevent accidental fall
- Can be used on both H beams and I beams
- Can be used on both straight and curved tracks
- Available in 1/2 to 10 ton
- Adjustable width fit to various sized beams
- Zinc plates hand chain (for geared trolley)
- Secured by two nuts on each side of the plates



Gear Trolley



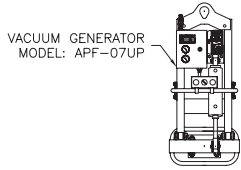
Push Trolley

DS Item #	Description
Call us	Gear Trolley
Call us	Push Trolley

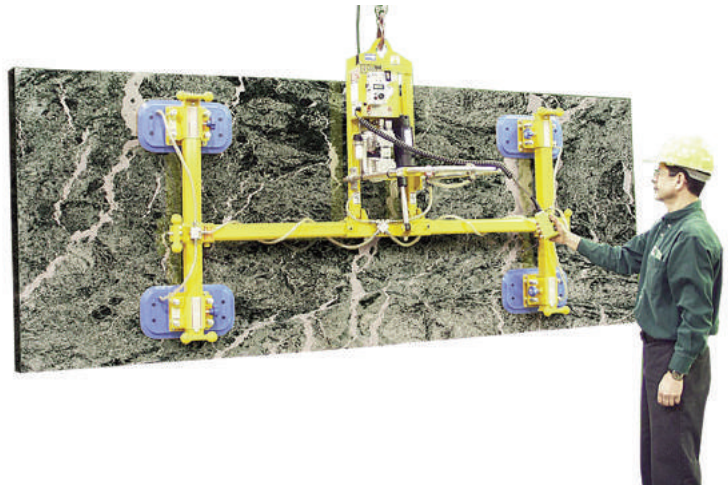


Vacuum Lifters

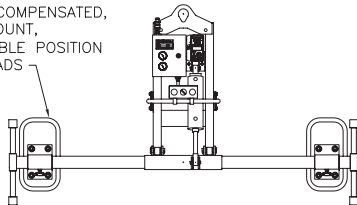
ANVER POWERED TILT



DS Item #	Model	Rated Load
Call us	AT50S	500 lb. (227 kg)
Call us	AT75S	750 lb. (340 kg)
Call us	AT100S	1000 lb. (454 kg)

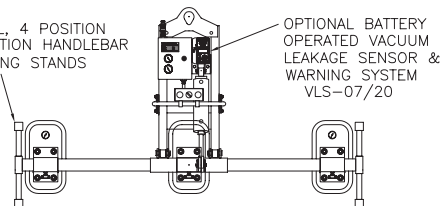


SPRING COMPENSATED,
QUAD MOUNT,
ADJUSTABLE POSITION
FOAM PADS



DS Item #	Model	Rated Load
Call us	AT50M2	500 lb. (227 kg)
Call us	AT75M2	750 lb. (340 kg)
Call us	AT100M2	1000 lb. (454 kg)
Call us	AT150M2	1500 lb. (680 kg)

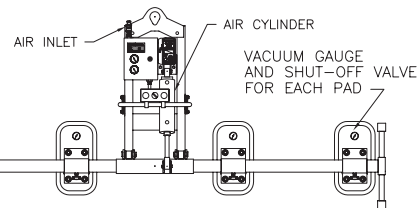
OPTIONAL, 4 POSITION
COMBINATION HANDLEBAR
& PARKING STANDS



OPTIONAL BATTERY
OPERATED VACUUM
LEAKAGE SENSOR &
WARNING SYSTEM
VLS-07/20

DS Item #	Model	Rated Load
Call us	AT75M3	750 lb. (340 kg)
Call us	AT150M3	1500 lb. (680 kg)

DS Item #	Vacuum Lifter Model #	Typical Beam Lengths	Rated Load Capacity
Call us	100M4H-	10x6 / 12x6	1000 lb / 454 kg
Call us	150M4H-	8x6 / 10x6 / 12x6	1500 lb / 680 kg
Call us	200M4H-	10x6 / 12x6	2000 lb / 907 kg



DS Item #	Model	Rated Load
Call us	AT100M4	1000 lb. (454 kg)
Call us	AT150M4	1500 lb. (680 kg)
Call us	AT200M4	2000 lb. (907 kg)

VLS-08

The VLS-08 (Series) monitors the vacuum level automatically. If vacuum is lost during a lift a loud horn sounds, and a red light flashes to warn the operator. All ANVER Vacuum Lifters, Vacuum Tilters and Specialty Vacuum Lifting Machinery can be equipped with a VLS-08 (Series)



PARKING STAND

■ **PS-150** - Use with M83M, M150M and other air and electric vacuum lifters up to 2000 lb. capacity and up to 190" beam length.

■ **PS-250** - Use with M250M and other air and electric vacuum lifters over 2000 lb., and up to 4600 lb. capacity and up to 110" beam length.





Vacuum Lifters

WOOD'S AIR-POWERED TILTER



PT10HV11FAIR

- Standard Pad Spread: 23" x 74" [584 x 1880 mm]
- Number / Size of Pads: 10 / 10" [25 cm] dia. lipped
- Load Capacity: 1500 lb. [680 kg] (on smooth, non porous surfaces.
Please contact us for recommendations on other surfaces.)
- Unit Weight: 320 lb. [146 kg] (for Air Power System)
- Standard Operating Power: Compressed Air, 11 SCFM [311 liters/min] @ 80 psi [552 kPa]
- Apply: 10 sec. Release: 3 sec. (approx.)

Load Movement:

- Power tilt, 90° between upright and flat
- Vacuum line filter
- Time for 90° Tilt: 8 sec. (approx.)
- Spring-mounted pads
- Tilt Duty: Continuous
- Individual shutoffs to all pads
- Vacuum gauge
- Closed cell foam pad rings
- Vacuum reserve tank
- Blow-off for quick release

WOOD'S MANUAL TILTER 1200



MT8HV11

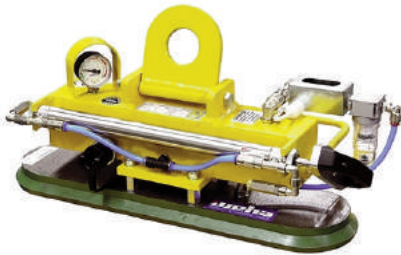
- Standard Pad Spread: 21" x 77" [532 x 1956 mm]
- Number / Size of Pads: 8 / 10" [25 cm] dia. lipped
- Load Capacity: 1200 lb. [545 kg] (on smooth, non porous surfaces.
Please contact us for recommendations on other surfaces.)
- Unit Weight w/o power system: 104 lb. [48 kg]
- Load Movement: Manual tilt, 90° between upright and flat
- Individual shutoffs to all pads
- Closed cell foam pad rings
- Spring-mounted pads
- Vacuum gauge
- Vacuum line filter
- Nylon slings



Vacuum Lifters

weha EP SERIES

Vacuum is produced by means of a hand pump, therefore no electricity or compressed air is required. Vacuum is controlled by means of optical and acoustic warning device. A safety tank also ensures, that in the event of vacuum being lost the work piece can still be set down. Vulcanised suction plate.



EP300	
Load capacity horizontal	661 lbs
Load capacity vertical	331 lbs
Suction plate	21.3" x 6"
Weight	33 lbs

EP600	
Load capacity horizontal	1323 lbs
Load capacity vertical	661 lbs
Suction plate	24" x 10"
Weight	40 lbs

EP800	
Load capacity horizontal	1764 lbs
Load capacity vertical	882 lbs
Suction plate	28" x 12"
Weight	73 lbs

DS Item #	Description
25114797	EP300

DS Item #	Description
25114798	EP600

DS Item #	Description
Call us	EP800

ABACO STONE VACUUM LIFTER (SVL)

Trolley is included with product. Abaco Stone Vacuum Lifter is designed to lift smooth surfaced stone with compressed air powered. It features robust construction with ability to lift and to incline the stone.



DS Item #	Description
Call us	SVL25
25114811	SVL50 (white rubber)
25114827	SVL50 (black rubber)
25114812	SVL100 (white rubber)
Call us	SVL100 (black rubber)

SVL100 shown



Vacuum Lifters

SINGLE SUCTION LIFTER

- Lightweight, heavy duty handle made of rustproof ABS.
- Fast attachment on smooth, nonporous flat surfaces.
- Red-line indicator warns user of any vacuum loss.
- Check valve allows repumping without loss of remaining vacuum.
- Release valve lever permits quick and complete release.
- Easily replaceable handle / release valve and plunger.
- Supplied with protective carrying case.
- Made in North America.



DS Item #	Description
25014856	8" Cup N4000
25015125	8" Cup N4000 TS
25015159	8" Cup Metal Grip

DOUBLE SUCTION LIFTER

- Designed for use on non-porous surfaces
- Features two 4 3/4" (120mm) suction cups
- Aluminum handle powder coated black
- High quality rubber for extended life



DS Item #	Description
25014800	2-Cup

TRIPLE SUCTION LIFTER

- Designed for use on non-porous surfaces
- Features three 4-3/4" (120 mm) suction cups
- Aluminum handle powder coated black
- High quality rubber for extended life



DS Item #	Description
25014801	3-Cup

For Carry Clamps, see section 19 Countertop Templating & Installation.



Slab Storage

GROVES BUNDLE RACK

- Store bundles or slabs up to 6000 lb. between posts. (3,000 lb. capacity per post.)
- Outside rails are designed with slots to hold 2 x 4's.
- 2 x 4's protect the slab edges and the finish on the rails.
- 11" wide x 5-1/2" high x 60" long rails, butt together for desired length.
Outside rails have 2" square holes spaced 4" apart on the top. A steel plate with identical holes is welded and boxed inside the rails, 1" up from the bottom.
- Hot dip galvanized finish on rails.
- 2" square tube posts are coated with a galvanized finish.
- Optional 2" square rubber post caps are used to prevent scratches.
- Rails shipped with 11" connector tube for butting rails together



Back Splash Bracket
BSBPKG-1



SAFETY WARNING:
Maximum weight allowed per bundle is
6,000 lb (4,500 lb per post).



SAFETY WARNING:
Use 1/2" holes located on bottom
flange for securing rails to the floor.

DS Item #	Part #	Description	Weight - Lb.
25020219	BR-5	Outside rail with wood slot	55
25020193	SP-60	60" posts for storing standard sized slabs	15
25020139	PC-2	Scratch resistant rubber post caps	1
25020194	BSBPKG-2	Back Splash	

DS Item #	Part #	Overall Length	Number of Openings	Parts included in package	Weight - Lb.
25020114	4-W60	5'	4	2 BR-5, 10 SP-60	260
25020138	9-W60	10'	9	4 BR-5, 20 SP-60	520



Slab Storage

GROVES HEAVY-DUTY BUNDLE RACK

- Designed for jumbo size stone bundles.
- Holds up to 9,000 lb. between two posts.
- Maximum weight is 4,500 lb. per post.
- Outside rails are designed with slots to hold 2 x 4's.
- 2 x 4's protect the slab edges and the finish on the rails.
- Galvanized rails 11" wide x 5-1/2" high x 60" long butt together for desired length.
- Outside rails have 2.5" square holes spaced 5" apart on the top.
- A steel plate with identical holes is welded and boxed inside the rails, 1" up from the bottom.
- 2-1/2" square tube posts are coated with a red baked enamel primer finish.
- Rails shipped with 11" connector tube for butting rails together in a straight line.



SAFETY WARNING:
Maximum weight allowed per bundle is 9,000 lb (4,500 lb per post).



SAFETY WARNING:
Bottom rails must be bolted to the floor for safety.

DS Item #	Part #	Overall Length	Number of Openings	Parts included in package	Weight - Lb.
25020309	3-H72	5'	3	2 BR2.5, 8 SP-72	410
25020009	6-H72	10'	6	4 BR2.5, 14 SP-72	746

GROVES FOLDABLE A-FRAME

- Heavy duty, 146 lb. Steel A-Frame Rack.
- Holds up to 12,000 lb. per side.
- 60" long x 60" wide x 58" high with 6" spread on top of A.
- Ships knocked down for lower freight cost.
- Hot dip galvanized finish.
- Bottom U-channel is 4" wide with 1" side ledges and is designed to hold wood 2x4's to support the load. Customer furnishes the wood.



DS Item #	Description	Length	Width	Height	Weight - Lb.
25020332	Foldable A-Frame	60"	60"	58"	146



Slab Handling

GROVES HEAVY DUTY SHOP CARTS

- Rugged 4000 lb. capacity.
- Rubber is mounted on base and upright supports to help protect material.
- Six ratchet straps are included to secure load.
- The HDSC-48 uses 5" casters, two rigid and two swivel with brake rated at 1000 lb. each.
- The HDSC-8448 and HDSC-8472 use 8" casters, two rigid and two swivel with brake rated at 1000 lb. each.



HDSC8472



HDSC8448



HDSC48

DS Item #	Part #	Length	Width	Load Height	Overall Height	Weight - Lb.
25020136	HDSC48	54"	38"	48"	62"	215
25020250	HDSC8448	84"	40"	48"	63"	360
25020267	HDSC8472	84"	40"	72"	87"	460
25020168	CK-4	8" Caster Kit 2 Fixed 2 Swivel				
25020352		6" Caster Kit 2 Fixed 2 Swivel				

Achilli SC500

- Motorized and, battery-powered, hydraulically operated system for the lifting and positioning of slabs.
- Worktop adjustable in height from 650 to 960 mm to satisfy any working requirements.
- Worktop 1380 x 2000 mm in size fitted with hardwearing plastic wheels for easy loading and off-loading of slabs, especially good when handling delicate materials.
- Electronic battery charger included.
- Loading capacity: 1,102 lb.
- Telescopic panel to facilitate controls reach.
- Adjustable work top by control levers (Vers. SC 500-LC).
- Adjustable work top by corded pendant control unit (Vers. SC 500-PC).



Corded control



Lever control



DS Item #	Part #	Description
24014792	14409	Achilli SC500-LC
Call us	14410	Achilli SC500-PC



Slab Handling

GROVES SINGLE SIDED SHOP CART

- Holds fabricated parts.
- Heavy Duty Powder Coated finish.
- Easy clean-up with hose.
- Removable top A-frame for economical shipping.
- 7" ledge depth.
- 10" diameter pneumatic tires.
- 5" diameter swivel locking casters.
- 2,000 lb. capacity.



DS Item #	Description
25020192	SSSC-4036

weha SHOP CART

Weha V cart 2200 lb. capacity:

- Great for moving pieces around the shop.
- Poles can be removed for easy load and unloading.

Weha Shop Cart 1950 lb. capacity:

- Versatile with many applications
- Excellent for assorted cut stone pieces
- Wheel configuration allow for easy turning



DS Item #	Description
25020501	Shop Cart
Call us	V-Cart

GROVES STACKING RACKS

Designed to be Stacked Three High with a Stationary Bottom. Wheels can only be used when not stacked. Maximum capacity is 3,000 lb. total. One rack can hold 3,000 lb. If stacked three high, each rack can only hold 1,000 lb.

- Storage of remnants, cut offs, strips and cut to size pieces.
- Job site cart for safe transport and handling of countertops, vanity tops, saddles, sills and stair treads.
- Will roll through a 30" wide door opening.
- Removable front legs for easy hand loading and unloading.
- Hold down bars to secure the material to the box and prevent damage in transport.
- Cable hooks for crane handling.
- Loops for fork lift safety.
- 5" diameter Casters, two rigid and two swivel.
- 48-1/2" overall height w/casters, 24" load height.



DS Item #	Description
25020186	SR-1 Stacking Rack
25020187	SRCK-5 Caster Kit



Slab Work Tables

GROVES TILT TABLE

- Dual purpose work bench and transport cart.
- Adjustable length material stops.
- Adjustable height 36" to 42"
- Four 5" diameter swivel casters.
- Four heavy duty foot operated locks prevent movement while fabricating.
- Hot dip galvanized finish.
- Ships knocked down for freight savings.



DS Item #	Part #	Trim Size	Width	Adj. Height	Weight - Lb.
25020137	TT3272	72"	32"	30" - 42"	250

ABACO TILT TABLE

- Table tilts from 0° to 76°
- Tilting the table allows for more efficient labor
- Handles up to 1-1/2" (38 mm) thick material
- Rubber lined to protect material
- Measurements when table is in the flat position
 - Tilt at 45 degree: 79 x 24 x 46
(2000 x 600 x 1180 mm) (L x W x H)
 - Tilt at 76 degree: 79 x 24 x 49
(2000 x 600 x 1250 mm) (L x W x H)



Shipping weights may vary due to packaging.

DS Item #	Part #	Description	Length	Width	Height	Capacity - lb.	Weight - Lb.
Call us	KPT8380	KPT 8380 Table	79"	24"	39"	660	213



Slab Work Tables

GROVES WORK TABLES

- Layout complete kitchens by attaching the tables together lengthwise or by attaching them on a 90-degree angle.
- Two built-in end clamps hold the tables together.
- Rubber is mounted on top and the sides where the carts clamp together.
- Four heavy-duty 5" diameter swivel casters rated at 1000 lb. each.
- Four foot operated locks hold the table in place.
- Heavy Duty Powder Coated finish.



DS Item #	Part #	Length	Width	Height	Weight - Lb.
25020172	DT 2560	60"	25"	42"	176

ABACO WORK TABLES

- Rubber lined sturdy working table.
- Build in brackets allow you to create different work stations.
- Independent adjustable feet.
- Collapsible for easy transport.
- Constructed of 18 guage 50 mm square tubing.
- Available with or without casters.



AWT7523



AWT7523C (with casters)

DS Item #	Model	Length	Width	Height Range	W.L.L.	Net Weight - Lb.
25014656	AWT 7523	1935 mm	615 mm	1010 - 1030 mm	300	63
25014678	AWT 7523C	1935 mm	615 mm	1010 - 1030 mm	300	73



Slab Work Tables

GROVES FABRICATION STANDS

- Fabrication stand can be used in the shop or on the job.
- Adjustable to any height from 36" to 42".
- Heavy Duty Powder Coated finish.
- Stackable for transporting or storage.
- Rubber mounted on top prevents sliding and scratches.
- Set up your entire job to ensure correct fit to templates and continuity of polish.



DS Item #	Description
25020225	FS-24 Fab Stand

ABACO FABRICATION STANDS

The Abaco Fabrication Stand is designed to support slabs for polishing, sharpening, cutting, and many other purposes. The top is covered in rubber which protects slabs from being damaged. It folds easily for carrying from job to job.

The Abaco Fabrication Stand is

- Portable
- Compact
- Durable
- Flexible



DS Item #	Part #	Length	Width	Height	Weight - Lb.	W.L.L. Pounds - Kg
Call us	AFS3139	26"	18-1/4"	31-1/2" - 39-3/8"	28.6	660

GROVES CUT-OUT STAND

- Designed to support sink cut-outs during fabrication.
- 12" x 12" base to support material.
- Adjustable 23-1/2" to 40".



DS Item #	Description	Height
25020222	Cut-Out Stand	25.5" to 40"



Groves and Derusha Know

NEW LIGHT WEIGHT ALUMINUM PRODUCTS

NEW

Aluminum
Install cart 36"
model: AIC-36



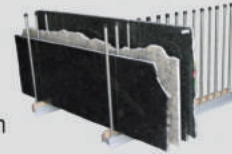
NEW

Aluminum
Install cart 68"
model: AIC-68



NEW

Universal
Storage System
60" Aluminum
rails w 30 steel posts
model: USS-5



NEW

Light weight aluminum
6 wheel cart 62 lbs.
model: LWAC-40



NEW

Light weight
aluminum
6 wheel cart 80 lbs.
model: LWAC-72



NEW

Fork Lift Boom
model: FLB



NEW

6 wheeled
fabrication cart
4,000 lb capacity
48" L x 53" H
model: FC-48



NEW

6 wheeled
fabrication cart
4,000 lb capacity
82" L x 73" H
model: FC-82



NEW

Economy Transport Cart
2200 lb capacity w/
removable 5" casters
84" L x 48" H
model: ETC-8448



NEW

Economy Transport Cart
2200 lb capacity w/
removable 5" casters
84" L x 60" H
model: ETC-8460



NEW

Slab Picking Cart
holds 5 slabs
model: SPC



NEW

Fold Up A-Frame
space & freight
saving design
patent pending Set
of two uprights and
one cross bar
model: FAF-60



Derusha is your exclusive Canadian distributor



How to Save You Money!



Heavy Duty Transport Racks 4,000 lb capacity
82" L x 48" H
model: TR-4482



Heavy Duty Transport Racks 4,000 lb capacity
96" L x 60" H
model: TR-4496



Removable 8" dia casters, kit of 4
model: CK-4



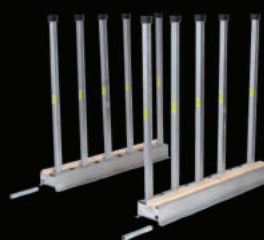
Heavy Duty Double sided shop cart
model: HDSC-48



Adjustable fab stand
model: FS-24



Heavy Duty Bundle Racks 5' Long with 10 - 60" poles
model: 4-W60



Heavy Duty Bundle Racks 10' Long with 20 - 60" poles
model: 9-W60



Dolly Cart 10" wheels 4" casters
36" L one caster
model: SD-36



Dolly Cart 10" wheels 4" casters
48" L two casters
model: SD-48



Cut Out Stand
Adjustable height
model: Cut-Out Stand



Fabrication Table w/
casters and foot locks
model: DT2560

Tilt Table w/ casters
and foot locks
model: TT3272



Singled sided
shop / install cart
model: SSSC-4036

Visit www.groves.com for product details & specs.



Slab Transportation

HEAVY-DUTY TRANSPORT RACKS

- Designed for transporting and storing product in your shop or on the job.
- Fork lift hoops mounted on sides.
- Bottom pads and uprights have full length rubber strips.
- Quick release mounting pins change the Transport Rack from mobile to stationary in less than a minute.
- 4000 lbs Capacity



Casters optional



DS Item #	Part #	Length	Width	Load Height	Overall Height	Height with Casters'	Weight - Lb.
25020166	TR-4482	82"	44"	48"	58"	69"	540
25020167	TR-4496	96"	44"	60"	70"	81"	740



Slab Transportation

weha TRANSPORT A-FRAME RACK

The Weha Small & Large kitchen transport rack are designed and built to store and transport all-sized stone countertops and island pieces. Comes with forklift openings to lift from all four sides of the A-frame. The base and uprights come with replaceable rubber to prevent scratches. The Weha Small cart has 8 (4 per side) and The Weha Large cart has 10 (5 per side) of the posts and tie down straps for secure transportation. Select the size that best fits your application. Made of Hot Dipped Galvanized steel.

- Large A frame Transport Cart-96"
- Load Capacity: 3300 lb. (1650 lb. per side)
- Length: 96"; Width: 43" Load Height: 60"; Overall Height 68"
- Width of contact surface: 16"; Posts: 10 (5 on each side)
- Small A frame Transport Cart-78"
- Load Capacity: 2200 lb. (1100 lb. per side)
- Length: 79"; Width: 43"; Load Height: 48"; Overall Height 58"
- Width of contact surface: 16"; Posts: 8 (4 on each side)



DS Item #	Description
Call us	Replacement Post
Call us	Replacement Strap
Call us	Replacement Rubber Black (Standard)
Call us	Replacement Rubber White (Optional)



DS Item #	Size	Description	Weight - Lb.
Call us	6 ft.	Transport A-Frame	2,200
Call us	8 ft.	Transport A-Frame	3,300

CONVERSION KIT FOR WEHA A-FRAMES

Includes:

- 1 hand dolly and 2 wheels.



MOBILE CONVERSION KIT

The A-frame Cart is now mobile

Includes:

- 4 Wheels: 2 Fixed.
2 Swivel (200 mm / 7.87")



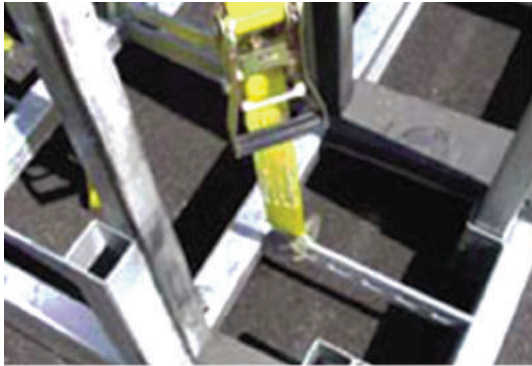
DS Item #	Description
Call us	Conversion with Dolly & Wheels
Call us	Conversion with Wheels only (200 mm)



Slab Transportation

GROVES HEAVY DUTY TRANSPORT RACKS

- 10,000 lb. capacity designed to hold all sizes of slabs.
- Optional caster package consists of 8" diameter roller bearing wheels rated at 2000 lb. each.
Two swivel casters with brakes on one end and two rigid on the other.
- Lift with overhead crane using four base mounted lifting rings. Four hold down ratchet straps secure load.



Strong fabrication rack available 10,000 lb capacity
8,000 lb capacity with casters

Post shown in safe unloading position



Posts store here during transport



SAFETY WARNING:
The capacity of the TR-10 is reduced to 8,000 lb with the use of the CK-8000 caster kit.

DS Item #	Part #	Length	Width	Load Weight	Overall Weight	Height with Casters'	Weight - Lb.
25020190	TR-10	96"	48"	78"	88"	99"	1,095 10,000 pound capacity (without*)
25020191	CK-8000	8" diameter Caster Kit for TR-10 (2,000 lb capacity per caster)					80



Slab Transportation

GROVES SINGLE-SIDED TRUCK RACKS FOR DELIVERY AND CUBE VANS

- Two sizes available, designed to transport all sizes of fabricated product.
- Rubber strips mounted on bottom and back supports.
- Uprights mount in slotted holes for full depth adjustments.
- Uprights have full length rubber strips and quick release hold down straps.
- Mounting pads front and back for bolting to truck floor.
- Ships knocked down, top A frame assembly is one piece bolted to the frame to save on freight costs.



DS Item #	Part #	Weight - Lbs.
25020188	TRSS2482	340
25020220	TRSS2496	375

Length	Width	Load Height	Overall Height	Holds Downs
82"	24"	48"	50.5"	4
96"	24"	60"	63"	5

weha SINGLE-SIDED A FRAME

The Weha single-sided A frame is excellent for install vans, box trucks, as well as for in shop use and can easily be placed against walls for saving space. At only 26" wide, it allows plenty of room in vans and box trucks for additional install equipment.



DS Item #	Part #	Weight - Lbs.
Call us	8010483	198

Length	Width	Load Height	Overall Height	Uprights
78"	26"	48"	56"	4

GROVES TRUCK MOUNTED A-FRAME

- 24,000 lb. total capacity. Holds up to 12,000 lb. per side.
- Six mounting plates used for bolting to truck or trailer.
- Bottom U-channel is 4" wide with 2" side ledges and is designed to hold wood 4x4's to support the load. Customer furnishes the wood.
- Rubber-lined uprights help prevent scratches.
- Galvanized finish for long-lasting durability.



DS Item #	Part #	Weight - Lbs.
25020189	TMA-6078	530

Length	Width	Height	Ledge
60"	48"	78"	13"

weha LARGE SINGLE-SIDED A FRAME

The Weha Large Single Sided A-Frame is excellent for transporting finished countertops and islands in box vans. The back side can be placed flat against the walls, leaving plenty of room to load the vans as well as access tools throughout the truck.



DS Item #	Part #	Weight - Lbs.
Call us	800002	220

Length	Total Width	Load Height	Total Height	Load Capacity
94"	25"	71"	75"	2205 lb.



Dumpsters

HOPPERS

Our hoppers are durable, high-quality products that incorporate safety conscious features. Each hopper conforms to the generalized specifications. Powder coat blue finish.



70° Self-Dumping
Steel Hoppers with
Bumper Release



Low Profile 90°
Self-Dumping H Style
Steel Hoppers



Portable Steel Hoppers

Standard design features include:

- 2 fork pockets that receive the tines (forks) of a fork truck
- Dump-actuating cable that allows the hopper to be dumped by the forklift driver
- Safety chain or safety strap towrap around the fork carriage and prevent the hopper from sliding off of the forks during use.

DS Item #	Description
25015223	D-100-MD Self Dumping Steel Hopper 1 Cu. Ft.
25015220	H-150-HD Low Profile Self Dumping Steel Hopper 1 1/2 Cu. Ft.
25015221	P-HOP-0.5 Portable Steel Dumpster on Casters 1/2 Cu. Ft.

Model	Size Cu.Ft.	Capacity Wt.	Dimensions W / D / H	Fork Center	Weight Lb.
D-100-MD	1	4,000	41-1/4" x 61" x 42-3/4"	18"	565
H-150-MD	1-1/2	4,000	49" x 51-1/4" x 41"	21-3/4"	463
P-HOP-0,5	1/2	2,000	34-13/16" x 52-1/4" x 37-5/8"	12"	251



Monument Carts & Lift Tables

SHOP CART

Hard wood deck, Pneumatic tires, Steel frame, Wagon type steering, Fixed handle, Sealed bearings
Capacity of 2000 lb. 30"W x 48" L x 19" H.



DS Item #
16013892

Custom Shop Carts
We can manufacture shop carts to meet your specific requirements.

SHOP CART

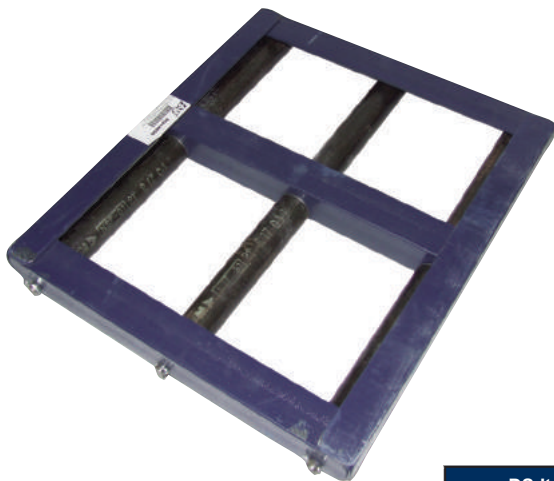
All steel construction, Detachable handle, Rubberized wheels, 36" W x 60" L x 12"H. Capacity of 2000 lb.



DS Item #
12113450

BANTAM DOLLEY

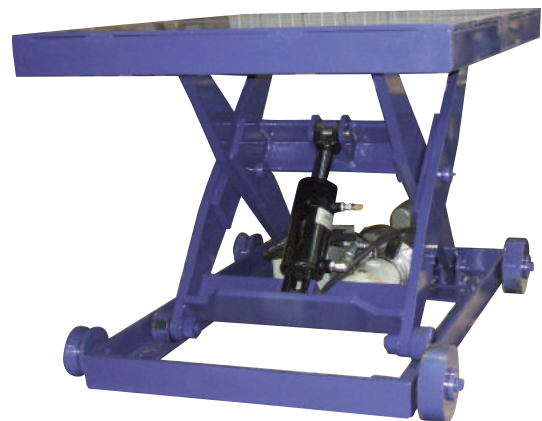
Roller drolley, Steel construction, Rollers with bearings. Primary use is in placing monuments in show room. 14" x 16" x 2".



DS Item #
25014850

SCISSOR LIFTING TABLE

36" x 36" x 16" to 31" H. Electrically controlled lifting. Table can be raised and lowered between 16" to 31" and works great with a laser etcher.



Custom order only!



Roller Sections

ROLLER SECTIONS

Roller sections are used in the shop setting to move stones in the process of manufacturing from station to station, these units are sold in 10' straight sections with available widths of 15" or 18" rollers, shorter custom lengths are available. The standard rollers are constructed of 14 gauge steel with replaceable bearings and are placed at 4.5" intervals for a total of 27 rollers per 10', optional sealed bearings are also available on the rollers for harsh environments.



STANDARD

DS Item #	Description
25014846	S-2.5 (GA14) 18" Section
25014847	S-2.5 (GA14) 15" Section

OPTIONS

DS Item #	Description
25114876	H-Support for 18" Section

REPLACEMENTS PIECES

DS Item #	Description
25114877	18" x 2.5 Dia. (14GA) Roller
25114936	15" x 2.5 Dia. (14GA) Roller
25114875	#1500 + 3133 End cup Bearings

ROLLER TABLES

Roller tables allow pieces to be transfered to another branch of roller section, these are used mostly where 2 straight sections meet at a 90 degree angle with the roller table creating the joint between the sections



DS Item #	Description
25014570	Roller Table

OPTIONS

DS Item #	Description
25014543	20" x 20" H.D. Support Frame
25014610	Adj. Stand for table
25114878	ASR80 All side Roller 2-1/2"
25114844	ASR48 All side Roller 2"

AIRMOUNTS

Airmounts come in various diameters and are incorporated into a roller track section, these units are used to lift a piece off of the track to allow either the placement or removal of straps under the stone, the airmount is simply connected to an airline and when inflated will lift up the piece in question.



DS Item #	Description
25114861	#131 6.5" O.D x 4.5" Center
25114862	#110 8.3" O.D x 4.5" Center
25114860	#116 9.1" O.D x 5.31" Center
25114859	#12.9" O.D x 9" Center



Adhesives

Color Match Systems	16.2
Polyesters	16.5
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Penetrating Adhesives	16.13
Cyano-Acrylics	16.14
Tints & Colorants	16.16
Repair Products & Kits	16.18





Color Match Systems

TENAX MULTIBOND BONDING SYSTEM

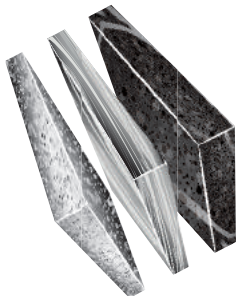


Multibond is the perfect solution for those looking for a single product with strong bonding on different materials.

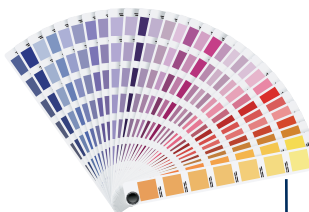
Available in 50 ml, 250 ml and 500 ml.

- Super flexible, dripless technology for easier fabrication and less waste
- Can be frozen without losing bonding integrity
- Dispensed in standard 10:1 seam guns
- As strong or stronger than all leading brands (if the glue is colored, it is activated)
- Greenguard certified as VOC
- Great color matches to all leading brands of solid surface and quartz
- Two static mixing nozzles included
- Indoor use only.

MULTI MATERIAL



WIDE RANGE
OF COLOURS



VERY FAST





Color Match Systems

ADHESIVE GUNS & MIXING TIPS FOR MULTIBOND



DS Item #	Description
27532001	50ml Adhesive Gun



DS Item #	Description
27532002	250ml Deluxe Professional Adhesive Gun



DS Item #	Description
27532003	250ml Economy Adhesive Gun



DS Item #	Description
27532007	50ml Nozzle/Mixing Tip



DS Item #	Description
27532008	250/500ml Nozzle/Mixing Tip

DS TECH TIP

USING INTEGRA?

Conversion is made easy.
Just add "I" in front of color

Integra
SATIN BLACK = **I-SATIN BLACK**

Multibond

Color Match Charts Available for :

Affinity
Allen & Roth Quartz
Allen & Roth Solid Surface
Avonite
Basix
Basix Quartz
Caesarstone
Cambria
Corian
Corinthian
Cosmos
Dekton
Diamond Surfaces
Diresco
Duralosa
Durasein
Durat

Ecotec
Eos
Fiandre – Stonepeak
Formica
Gemstone
Geos
Global Stone
Hanex
Hanstone
Harmony I-Stone V-Korr
Laminex
LG Himacs
LG Viatera
Livingstone
Meganite
Mystera
Naturastone Quartz

Neolith
Pacshore Quartz
Pelican Quartz
Pental Quartz
Polystone
Q Quartz
Quartz Master
Radianz
Riverstone
Silestone
Staron
Staron Supreme
Technistone
Vendura
Wilsonart
Wilsonart Quartz
Zodiaq



Color Match Systems

TENAX QUARZO COLOR FOR QUARTZ



The ideal mastic for gluing and bonding engineered stone. Tenax Quarzo color match system will color match the most popular brands of quartz materials: Silestone, Caesarstone, Cambria, Santa Margherita, Zodiac, Technistone.

Features

- Excellent adhesion
- Very polishable
- Great spreadability
- Low VOC
- For Indoor Use

DS Item #	Description
27515960	Anthracite 1L
27515964	Black 1L
27515931	Crema 1L
27515932	Dark Beige 1L
27515941	Humus 1L
27515920	Optical White 1L
27515922	Paper White 1L
27515926	Sand 1L
27515959	Underground 1L
27515921	White 1L

DS TECH TIP

When working with white stone for an indoor application, using a pre-tinted polyester adhesive such as Tenax Quarzo Optical White or Paper White will eliminate time and effort of matching a transparent knife grade polyester. This will also eliminate the need to use a significant amount of white tint.



Polyesters

TENAX TRANSPARENT KNIFEGRADE H

Knife Grade Polyester is a high viscosity adhesive used to vertically or horizontally repair, rebuild, bond and fill. Knife Grade H will cure shiny, is very polishable and colors easily to match the stone. It cures fast and bonds extremely strong.



DS Item #	Size
27515500	Litre
27515501	Gallon
27515548	17 Litres

POLYESTER KNIFEGRADE TIXO

Knife Grade Tixo Polyester is a high viscosity adhesive used to vertically or horizontally repair, rebuild, bond, and fill. Knife grade Tixo is very smooth in consistency and will cure shiny, is very polishable and colors easily to match the stone. It cures fast and bonds extremely strong.



DS Item #	Description	Size
27515463	Tenax Tixo Transparant Knifegrade	1 Litre
27515464	Tenax Tixo Transparant Knifegrade	4 Litres
27515465	Tenax Tixo Transparant Knifegrade	17 Kg

SUPER TRANSPARENT KNIFE

Super Transparent water clear knife grade is a high viscosity polyester adhesive used to vertically or horizontally repair, rebuild, bond and fill. It is very smooth on consistency, and will cure shiny, is very polishable and colors easily to match the stone.



DS Item #	Size
27515504	1 Litre

COLORED KNIFEGRADE

Buff, White, Black, Medium Gray knife grade adhesive is used to vertically and horizontally repair, rebuild, glue, and fill marble, granite and engineered stones. Colored knife will cure shiny and is very polishable. Not suitable for temperature below 32°F. Recommended for interior use. Other colors available upon special request.



DS Item #	Description	Size
27515526	Buff Knife	1 Litre
27515527	Buff Knife	4 Litres
27515545	White Knifegrade	1 Litre
27515566	Black Knife	1 Litre

TENAX TRANSPARENT FLOWING

Transparent Flowing is used to horizontally repair, rebuild, bond and fill. Flowing will cure shiny, is very polishable and colors easily to match the stone. It cures fast and bonds extremely strong.



DS Item #	Size
27515523	Litre
27515524	4 Litres
27515525	17 Litres

TENAX BUFF AND WHITE FLOWING

Flowing Buff or Colored is used to horizontally repair, rebuild, glue and fill marble, and quartz surfaces. Flowing will cure shiny and is very polishable.



DS Item #	Description	Size
27515528	Buff Flowing	1 Litre
27515522	White Flowing	1 Litre



Polyesters

TENAX CRYSTAL KNIFE

Crystal Knife grade adhesive is used to vertically or horizontally repair, rebuild, bond and fill. Crystal is very smooth in consistency and will cure shiny, is very polishable and colors easily to match the stone. It is perfectly suited for any application where the adhesive or seem/joint must be hidden. It cures fast and bonds extremely strong.



DS Item #	Size
27515520	Litre

TENAX CRYSTAL LIQUID

Crystal Flowing adhesive is used to horizontally repair, rebuild, bond and fill. Crystal is very liquid and will cure shiny, is very polishable and colors easily to match the stone. It is perfectly suited for any application where the adhesive or seem/joint must be hidden. It cures fast and bonds extremely strong.



DS Item #	Size
27515521	1 Litre

SECTION 16. ADHESIVES

TENAX TRAVERTINE FILLER

Travertine Filler is used to horizontally repair, rebuild, glue and fill travertine, as well as similar stones. Travertine Filler is a semisolid consistency that is smooth and easy to spread. It is used to fill all size holes in travertine. It accepts a polish.



DS Item #	Size
27515505	Litre

TENAX HARDENER

Liquid hardeners are specifically designed for Crystal Knife, Crystal Flowing, Thassos, and Nitor. All other polyesters use the white paste hardener.



DS Item #	Consistency	Size
27515546	Paste	2 oz.
27515547	Paste	6 oz.

DS TECH TIP

USE OF HARDENER

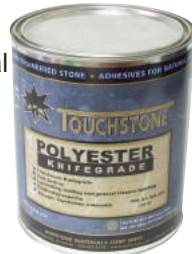
Always follow manufactures recommended mixtures instructions and stone preparations to ensure a strong bond. Over use of hardener will alter the properties of the adhesion.



Polyesters

TOUCHTONE POLYESTER KNIFEGRADE

Transparent Polyester knifegrade provides superior strength and consistent color matching for natural stone, engineered stone and all countertop applications **(Indoor applications only)**. Rapid cure tack free in ten minutes. Includes hardener.



DS Item #	Size
27515777	Quart
27515788	Gallon
27515797	5 Gallons

TOUCHTONE POLYESTER FLOWING

Transparent Polyester adhesive provides superior strength and consistent color matching for natural stone, engineered stone and all countertop applications **(Indoor applications only)**. Rapid cure tack free in ten minutes. Includes hardener.



DS Item #	Size
27515778	Quart
27515795	Gallon
27515796	5 Gallons

TRANSPARENT KNIFEGRADE

Knife grade material. Favorite among stone workers, general purpose adhesive, add filler and color easily version available with antimicrobial properties.



DS Item #	Size
27520103	Quart
27520104	Gallon
27520105	5 Gallons

TRANSPARENT FLOWING

General purpose Flowing-type adhesive, excellent bonding and finishing, version available with antimicrobial properties.



DS Item #	Size
27520100	Quart
27520101	Gallon
27520102	5 Gallons

BONSTONE HARDENER 4 OZ.

Activator for the curing process of polyester adhesives.



DS Item #
27515793

WOOD & STONE HARDENER

Activator for the curing process of polyester adhesives.



DS Item #	Size
27520088	1 oz.
27520089	4 oz.

See fiberglass rodding in **Section 4 Diamond Products**



Epoxies

CHEMORSET 100G EPOXY

Two-component epoxy gel adhesive setting at ambient temperature. High modulus of elasticity. Moisture insensitive. Used in the masonry and stone industry for years. Can be colored to match surrounding material by using C44 colorant.

DS Item #	Sizes
27515682	2 x 1 Quart (2 L)
27515683	2 x 1 Gallon (8 L)

Call us toll free to discuss your adhesive needs!



DOMO

Domo 10 A & B is a two part knife grade epoxy designed for all types of stone. It will bond to almost any surface including polishing surfaces. Domo will bond to both damp and dry surfaces.

**Super strong
Slow cure**



DS Item #	Description
27515529	Domo Epoxy Liter Kit 1 L + 1 L Epoxy
27515507	Domo 10 A & B White Epoxy 180 ml Cartridge
27515423	Domo 10 A & B Epoxy 4 L Set (4L + 4L)
Cartridge to be used with	
27515475	Adhesive Gun for Tenax Cartridge
27515506	Nozzle for Tenax Cartridge 180 ml

MICTO

Micto is a two part epoxy used for marble, granite, and stones of all types that need to be glued and reconstructed in both indoors and outdoors.

**5 minute
set time**



DS Item #	Description
27515532	Micto A + B (1 L + 1 L) Kit Transp. Epoxy 5 min.
27515503	Micto A + B 5 min. Epoxy 180 ml Cartridge
Cartridge to be used with	
27515475	Adhesive Gun for Tenax Cartridge
27515506	Nozzle for Tenax Cartridge 180 ml

RIVO 15

Rivo 15 A & B is a two part knife grade epoxy designed for all types of stone. It will bond to almost any surfaces.

**Strong
Fastest cure**



DS Item #	Description
27515531	Rivo 15 A+B Epoxy 2 Litre Kit

RIVO 50

Rivo 50 A & B is a knife grade epoxy designed for all types of stone. It will bond to almost any surfaces. 50 minute gel time.

**Very strong
Fast cure**



DS Item #	Description
27515530	Rivo 50 A+B Epoxy 2 Litre Kit



Epoxies

FAST-SET™ EXTREME

This is a 2-component, 100% solids, non-sag, knife-grade, moisture-tolerant, high modulus, high-strength structural epoxy adhesive. Fast Set™ Extreme is packaged for convenient handling in applications relating to contractor restoration, doweling, and general bonding.



DS Item #	Sizes
27515801	250 ml
27515802	Nozzle only
Cartridge to be used with	
27515335	Standard Silicone Gun
27515802	Nozzle for Bonstone Cartridge

TOUCHSTONE CLEAR GEL EPOXY

Handy for joining countertops or laminating edges, easily tinted for true colors. It is also fast drying and polish-able. Available in larger size.



DS Item #	Sizes
27515740	Quart kit (2A/B)
27515844	Gallon kit (3)
27515764	5 Gallon kit (2A/B)
27515766	Set 450 ml cartridge (300ml A/150ml B)
Cartridge to be used with	
27515340	Adhesive Gun for Clear Gel Cartridge
27515767	Nozzle for 450/600ml Cartridge

ULTIMATE

Ultimate is a Modified Polyurethane Hybrid (MPH) with unique attributes and properties all in one cartridge. This two part exterior grade system is ideal for fabrication shops and job-site applications.

Features

- Easy to use
- UV Color Stable
- Zero VOC
- Non-Yellowing
- Non-Staining
- Non-Bleeding
- Fast-Cure
- Low-Temperature Cure (+40F)
- Low-Odor



DS Item #	Sizes
27515858	Buff 180mL Cartridge
27515370	Gray 180mL Cartridge
27515369	Buff Quart Kit 2:1
Cartridge to be used with	
27515335	Standard Silicone Gun
27515802	Nozzle for Bonstone Cartridge

GLACIER

Touchstone Glacier is a revolutionary clear, fast-curing, non-staining, UV-stable adhesive designed for laminating and fabricating natural stone countertops. Compared to competitive products, it will SAVE you TIME and MONEY, due to its convenient and forgiving mix ratio.



DS Item #	Sizes
27515836	Clear ½ Pint "A" + 7 Tubes "B"
27515856	White 250 mL Cartridge
Cartridge to be used with	
27515335	Standard Silicone Gun
27515802	Nozzle for Bonstone Cartridge



Epoxies

GLAXS

It is a transparent resin, solvent free, low viscosity and medium reactivity adhesive. Glaxs offers good penetration and hardness. The resin can harden at 0°C. Glaxs will stay bright also when the level of humidity is high and the temperature is low. It is completely invisible and will not yellow or create shadows around cracks or seams. Eliminate grey lines on white stone.



Recommended applications :

- White marble
- White granite
- Porous stone



DS Item #	Description
27515470	Tenax Glaxs BB65 Glue Super Flowing Gel Pouch
27515466	Tenax Glaxs BM 1:1 Transparent Cartridge 210 ml
27515472	Tenax Glaxs BR 1:1 Speedy White Cartridge 210 ml
27515471	Tenax Glaxs BR 1:1 Speedy Transparent Cartridge 210 ml
Cartridge to be used with	
27515475	Adhesive Gun for Tenax Cartridge
27532009	Nozzle for Glaxs Cartridge

DP-100

This fast-setting and very flexible adhesive provides strong, permanent bond even under vibration and impact. It cures clear and stays clear even when cured in larger masses (stays clear, but not colorless when cured in large masses). Good high shear and peel strength.



DS Item #	Sizes
27515695	DP-100 Clear Epoxy 50 mL
Cartridge to be used with	
27515776	Plus II Applicator Gun
27515775	Square Gold Mixing Nozzle

GLUE BOSS CLIP BOSS

ClipBoss is a dripless, quick drying, acrylic structural adhesive that bonds steel, aluminum, and fiberglass to all solid surfaces. Perfect for rodding and bonding clips.



DS Item #	Sizes
27533000	Clip Boss 50 mL
27533001	Clip Boss 400 mL
To be used with	
27532000	Clip Boss 50 mL Adhesive Gun
27532004	Clip Boss 400 mL Adhesive Gun
27532006	Clip Boss 50 mL Mixing Tip
27532009	Clip Boss 400 mL Mixing Tip
27531000	Bondbond High Perf. Adhesion Promoter 4 oz.
27531001	Bondbond High Perf. Adhesion Promoter 1 gal.
27531002	Bondbond High Perf. Adhesion Promoter 5 gal.

DS TECH TIP

Which Cartridge Dispenser / Gun to use ?

Find the product, find the right Dispenser Gun.



Epoxies

TOUCHSTONE EDGE SYSTEM

The strongest adhesive bond available, this clear, flowing epoxy does it all. It's water-clear, polishable, and unlike polyester and acrylic adhesives, the Edge System will not shrink. Lay down a thin, tight bond line, and bullnoses stay put. With Edge System, you never have to return to the job site to solve adhesive problems.



Temp	Set times
55°F - 65°F	4 - 6 hours
65°F - 75°F	3 - 4 hours
75°F - 85°F	2 - 3 hours
85°F - 95°F	1 - 2 hours
Over 95°F	Short pot life

DS Item #	Sizes
27515707	Quart kit (2A/B)
27515706	Gallon kit (3)
27515705	5 Gallon kit (2A/B)

DS Item #	Description
27515747	Dispenser

STRONGEDGE

StrongEdge, the strongest clear, flowing epoxy specifically designed for fabrication and lamination.

Advantages :

- The clearest epoxy on the market
- Extremely strong adhesion
- Glue stone to metal, wood, other substrates
- Easily accepts colors
- High polish finish
- Working time of 25 minutes
- Cures in about 2 hours at 75 degrees
- May be used indoors and outdoors



Flowing

DS Item #	Description
27515519	StrongEdge 1.5 L Kit Clear Lamination Epoxy
27515402	StrongEdge 2 A+B Epoxy 3 Gallon Kit

STRONGEDGE 45

StrongEdge 45, the strongest clear, Knife Grade epoxy specifically designed for fabrication and lamination.

Advantages :

- Does not shrink
- No running / dripping
- VOC Compliant
- Permanent application

NEW



Knife Grade

DS Item #	Description
27515447	StrongEdge 45 Knife Quart Set Clear



Epoxies

TOUCHSTONE STONE EXPRESS II

Express II Knifegrade Epoxy is a two-part transparent epoxy that sets up in 45 to 60 minutes at 65°F and will enable the fabricator to work on the edge in half the time it takes for most epoxies.

- For countertop fabrication
- Transparent and easily polished
- Holds up through rigorous machining
- Unlike polyesters and acrylic adhesives, the Touchstone™ Express II will not shrink
- Exterior grade epoxy
- Odorless
- Ideal for high humidity or freeze-thaw conditions
- Excellent for rodding countertops



DS Item #	Sizes
27515781	Quart
27515780	Gallon

T-2000

High-strength epoxy tile adhesive used for tiling walls, boat decks, elevators walls, steel-cased stairs, adhering stone to stainless steel or aluminium. Installing countertops, working with chemical-resistant areas and other difficult bonding jobs. T-2000 forms a thick epoxy bed that allows you to adjust tile, stone, or countertops onto uneven surfaces. This super knife-grade epoxy is also smooth enough for troweling.

- Knife grade consistency
- There is no leaching or staining of stone
- Outstanding adhesion
- Allows for movement of the countertop
- Resilient - Allows for movement of the countertop
- Water clean-up



DS Item #	Size
27515805	Gallon

MATCH EPOXY

Match Epoxy is a two-part high performance Buff color epoxy adhesive used mainly for patching stone or applications requiring a thick bonding joint. Bonstone® Match Epoxy product is a thick, fast-setting paste which can be modified to knifegrade viscosity. For use above 55°F.

- Anchoring
- Laminating limestone and sandstone countertops
- Repairing sculptures or monuments
- Bonding mitered corners or stone returns
- Liner blocks
- Bonding stone to concrete, stone to metal
- Bonding large structural assemblies
- EMix ratio: 2:1 by volume
- Set up time: 2 hours at 75°F



DS Item #	Size	Description
27515724	Quart	Buff
27515826	Gallon	Buff
27515825	Quart	Tan
27515762	Gallon	Tan

FIXTOP SETTING EPOXY

Applications :

- Setting natural and ES stone countertops on wood, cement, composite substrates
- Tiling walls, ceilings, floors
- Adhere stone to steel, aluminum, composite materials, etc.
- Setting stone on outdoor fireplaces
- Indoor and outdoor use
- Wet and dry applications



DS Item #	Description
27515518	Fixtop A & B Stone & Tile Setting Epoxy 8Kg



Penetrating Adhesives

SLOW-SET PENETRATING EPOXY

A low viscosity penetrating epoxy that penetrates the structural fissures of granite and marble and will adhere the mesh to our stone for added strength and integrity.

- 40% increase in strength of stone
- Alternative to rodding countertops
- Strengthen weakened joints in stone
- Can be used around bowl cut outs for strength



Temp	Set Times
55°F - 65°F	Overnight
65°F - 75°F	Overnight
75°F - 85°F	6 - 8 hours
85°F - 95°F	4 - 7 hours
Over 95°F	3 - 4 hours

DS Item #	Size
27515748	Quart
27515750	Gallon
27515811	15 Gallons
27515812	150 Gallons

RAPID-SET PENETRATING EPOXY

A 2-component, very low viscosity product developed for laminating and thin crack repair applications. This exterior grade epoxy is clear and has a faster setup time than Touchstone™ Penetrating Epoxy.

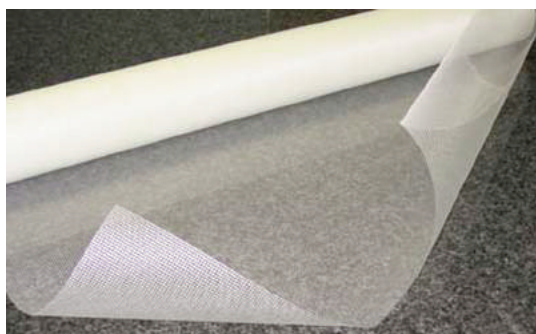


Temp	Set Times
55°F - 65°F	4 - 6 hours
65°F - 75°F	3 - 4 hours
75°F - 85°F	2 - 3 hours
85°F - 95°F	1 - 2 hours
Over 95°F	Short pot life

DS Item #	Size
27515749	Quart
27515751	Gallon

SCRIM

Use with penetrating epoxy to reinforce slabs, pieces or countertops.



DS Item #	Description
27515806	3' x 150' roll



Cyano-Acrylics

HOT STUFF

Hot Stuff is our thinnest glue with viscosity similar to water and no surface tension. When you have parts that fit exactly together, get them in position, run this glue along the crack, and it will wick right in. Curing time is five seconds between tightly fitting, non-porous parts.

DS Item #	Size
27520200	2 oz.



SUPER T

Super T has a viscosity similar to syrup and is perfect for gluing pieces together which have small gaps between them. Super T cures at a slower speed than Hot Stuff (10-25 seconds).

DS Item #	Size
27520201	2 oz.



SPECIAL T

Special T is our thickest glue with a viscosity similar to honey and greater gap-filling ability and a longer positioning time than Super T. The cure time is approximately 50-60 seconds.

DS Item #	Size
27520202	2 oz.



HT-600 HOT TIPS

HT-600 Hot Tips are the replacement spouts and overcaps for our Hot Stuff, Super T and Special T glue bottles. If you are having problems with spouts clogging, first click on the "Tips" link on the side and check out the "Clogging" section to see some clog-prevention methods.

DS Item #	Description
27520207	HT-600



PRO TIPS

Pro Tips slip over the spout to allow even more precise application of our glues than the spouts that come with bottle. A Pro Tip has the same diameter from its base to the tip, so that if it clogs and you have to cut it down, it will still apply the glue just as precisely.

DS Item #	Description
27520208	PT-100





Cyano-Acrylics

NCF STONE

NCF Stone is designed to be used specifically with natural stone such as granite and marble, especially light-colored varieties of granite which are prone to discoloration when too much of our NCF Quick is used.

DS Item #	Size
27520214	6 oz. Aerosol



NCF QUICK

NCF Quick is an extremely fast active accelerator. Speeds the curing process and able to bond some of the most unusual materials.

DS Item #	Size
27520203	6 oz. Aerosol



NCF HOT

2 oz non CFC accelerator. Speeds up the curing process creating an instant bond.

DS Item #	Size
2750205	2 oz.
27520212	18 oz.



US-1 SUPER SOLVENT

US-1 Super Solvent is an incredible debonder and cleaner for any instant glue. Unlike most debonders on the market, Super Solvent does not contain acetone and is much more pleasant to use. Use it for hand cleanup or to remove glue from most clothing and surfaces.

DS Item #	Size
27520206	2 oz.



DS TECH TIP

HOW TO REMOVE THE GREEN OR BLUES STAIN CAUSED BY CA GLUE ?

Tenax TeBlossom Green Stain Removal Kit – 2 part chemical poultice process. Use with TeClean (sold separately).

DS Item #	Size
27515409	TeBlossom Green Stain Removal Kit
27515514	TeClean Stain Poultice Powder Removal Kit





Tints & Colorants

TOUCHSTONE LIQUID TINTS

Touchstone tints can be used with Touchstone epoxies, polyesters and urethanes. They also can be used with Bonstone epoxies, Gripstone polyesters and Last Patch Gel urethanes.



Kit

DS Item #	Color
27515813	10 x 2 oz. Color- Kit

2 oz

DS Item #	Color
27515716	2 oz. White
27515717	2 oz. Black
27515718	2 oz. Yellow
27515719	2 oz. Brown
27515720	2 oz. Red Brown
27515721	2 oz. Blue
27515722	2 oz. Green
27515723	2 oz. Red
27515814	2 oz. Gray
27515815	2 oz. Buff

8 oz

DS Item #	Color
27515708	8 oz. White
27515709	8 oz. Black
27515710	8 oz. Yellow
27515711	8 oz. Brown
27515712	8 oz. Red Brown
27515713	8 oz. Blue
27515714	8 oz. Green
27515715	8 oz. Red
27515912	8 oz. Buff
27515913	8 oz. Gray

TENAX UNIVERSAL COLOR PASTE

Can be used with polyester, epoxy and acrylic glue. Easy to mix. Easy squeeze bottles. Tips designed to provide perfect drop size.



2.5 oz

DS Item #	Color
27515425	Black
27515426	White
27515427	Red
27515428	Red Brown
27515429	Yellow
27515430	Green
27515431	Brown
27515432	Blue
27515433	Gray
27515434	Buff

10 oz

DS Item #	Color
27515435	Black
27515436	White
27515437	Red
27515438	Red Brown
27515439	Yellow
27515440	Green
27515441	Brown
27515442	Blue
27515443	Gray
27515444	Buff

Kit

DS Item #	Color
27515424	Universal Color Kit Set of 10 / 2.5 oz

DS TECH TIP

COLORANT FOR EPOXY

Tints are concentrated pigment dispersions in a 100% solids, zero-VOC liquid vehicle. They are low viscosity and easily handled and are used to impart color to epoxy, polyester, polyurethane adhesives and patching compounds. Can be used with all Bonstone and Touchstone products. We carry tints for each manufactures adhesive that we stock. You should be taken to match the manufactures adhesive with their own tints.



Tints & Colorants

POWDER TINTS



DS Item #	Color
27515752	Black
27515753	White
27515754	Grey
27515755	Rust-Red
27515756	Brown
27515807	Yellow
27515808	Green

STONE DUST



DS Item #	Color
27515741	Black Stone Dust
27515742	Grey Stone Dust
27515743	Red Granite
27515744	Brown Stone Dust
27515745	Pink Stone Dust
27515758	White Marble
27515759	White Quartz

C-44 CHEMORSET COLORANT

Used to tint Chemorset epoxy to the desired color.



DS Item #	Color
27515648	50 ml Black
27515649	50 ml Blue
27515650	50 ml Red
27515651	50 ml Brown
27515652	50 ml Green
27515653	50 ml Ochre
27515654	50 ml Orange
27515655	50 ml Red-Oxide
27515656	50 ml Violet
27515657	50 ml White
27515658	50 ml Yellow

EZ-FLOW BOTTLE COLORANT C-44



DS Item #	Description
27515880	250 ml White
27515881	250 ml Black
27515882	250 ml Brown
27515883	250 ml Yellow
27515884	250 ml Green
27515885	250 ml Blue
27515886	250 ml Red
27515887	250 ml Ochre
27515888	250 ml Bright Red

DS TECH TIP

LIQUID COLORANTS

When working with color pigments for adhesives (polyester, epoxy) start with a small amount and add as needed, liquid or paste tints are generally very concentrated so a little goes a long way. When adding liquid tints do not add more than 5% by weight or volume as this may alter the physical characteristics of the adhesive, when using paste tints do not add more than 2% of volume or weight to avoid altering the adhesive's quality.

TINTS AND STONE DUST

When mixing stone dusts with adhesives it is advised to mix equal amounts of dust to part "A" and mix well before adding the part "B" (epoxy) or hardener (polyester). Generally stone dust will account for 50% of the patch volume.



Repair Products & Kits

LAST PATCH™ GEL

The Last Patch™ Gel adhesive is an exterior grade stone compound. This material was developed for restoration and aesthetic repair or granite, marble and most any hard, smooth-surfaces stones. Last Patch™ Gel is UV stable and will not discolor, even when exposed to direct sunlight.



- Small chips, surface pits or spalls repairs
- Patching anchor bolt holes
- Honed to polished surfaces
- Fast setting - minimal down time
- Countertop repairs and monument repairs
- Crack repair
- "Dutchman" joint touch ups
- Holds up through freeze-thaw / no shrinkage / no pop-offs

DS Item #	Description
27515779	0.5 oz. catalyst
27515760	Quart kit
27515733	Kit (1 oz. A + 1 oz. B)

LAST PATCH™ LIMESTONE

The Last Patch™ Limestone is an adhesive patching compound designed for limestone, sandstone and other porous stones. Fast setting patch can be sanded flush within 20 minutes (with just a couple drops of added accelerator). This durable, UV stable, aesthetic patch will absorb surface water when sanded. You can grind and sculpt the patch to fit your unique repair.

The Last Patch™ Limestone will not shrink and holds up throughout severe temperature changes.

- Stone panel repair
- Spall and chip repair
- Durable patching of steps and pavers
- Monuments and sculpture restoration



Before Applied Last Patch Limestone After



DS Item #	Description
27515763	Buff Quart kit
27515339	Grey Quart kit
27515837	Texas Cream Quart kit



Repair Products & Kits

NATURAL STONE REPAIR KIT

That kit was developed for the restoration and repair of granite, marble and travertine surfaces. This unique and convenient stone repair kit enables you to create most on-site color matches to accurately replicate your stone appearance.

Kit Includes :

- Last Patch Dymond - 1 kit
- Last Patch Accelerator - .5 oz
- 15 Mix sticks
- 10 Razor blades
- Assorted liquid tints (Black, White, Buff, Brown, Green, Rust, Blue & Yellow)



DS Item #	Description
27515817	Natural stone repair kit

GRANITE & MARBLE REPAIR KIT

The Granite & Marble Repair Kit is an easy to use kit for both honed & polished surfaces.

Kit Includes :

- Last Patch Dymond - 1 kit
- Last Patch Accelerator - .5 oz
- 15 Mix sticks
- 10 Razor blades
- 30 mix cups
- Flitz Polish
- Pair of gloves
- CA activator
- CA Super Thin
- CA Gel
- Assorted liquid tints (Black, White, Buff, Brown, Green, Rust, Blue & Yellow)



DS Item #	Description
27515818	Granite & Marble Repair Kit

PROFESSIONAL TILE & COUNTERTOP REPAIR KIT

The Professional Tile & Countertop Repair Kit is designed for granite, marble, travertine and engineered stone.

Kit Includes :

- Last Patch Dymond - 1 kit
- Last Patch Accelerator - .5 oz
- 15 Mix sticks
- 10 Razor blades
- 30 mix cups
- Flitz Polish
- Pair of gloves
- CA activator
- CA Super Thin
- CA Gel
- 50ml cartridge Express II Flowing
- 50 ml cartridge adaptor
- Mix Nozzle
- Assorted liquid tints.. brown,black, green, yellow, buff, red-brown, white and blue
- Mix and Application instructions



DS Item #	Description
27515835	Prof, Tile & Countertop Repair Kit

SCRATCH REPAIR KIT

Description : The Bonstone Scratch Repair Kit enables you to fill in scratches and cracks on polished stone surfaces for countertops and floors. This fast setting system gives you high polished repairs without using any polishing pads.

Kit Includes :

- CA Glue Super Thin - 1 oz
- CA Glue Gel - 20 grams
- CA Spray Activator - 6 oz
- Polish packet



DS Item #	Description
27515834	Scratch Repair Kit

MONUMENT REPAIR KIT

This convenient kit features easy repair and color matching for granite, marble and limestone surfaces. It's also ideal for polished, honed, frosted or chiseled surfaces. Remove unsightly chips and scratches on stone surfaces.

Kit Includes :

- Last patch kit
- Accelerator
- Quartz dust
- Marble dust
- Red granite dust
- Grey granite dust
- Pink granite dust
- Black powdered tint
- White powdered tint
- Grey powdered tint



DS Item #	Description
27515857	Monument Repair Kit



Repair Products & Kits

AKELUX STONE REPAIR SYSTEM

For the repair of small damaged areas (edges, holes, scratches) on countertops, monuments and other surfaces made of natural and artificial stone. Enables the stone industry to effect small repair work and thus avoids an additional grinding and polishing process of the complete stone surface. Helps the professional processor of natural and artificial stone to quickly and safely repair small damages, especially if an installation has already been done.

SECTION 16. ADHESIVES



DS Item #	Description
27515639	Akelux stone repair kit

No.	Description	DS Item #
1	Filler Red 2 ml Pen - AKEL62008	27515606
2	Filler Blue 2 ml Pen - AKEL620007	27515605
3	Filler Yellow 2 ml - AKEL62006	27515603
4	Filler Green 2 ml Pen - AKEL620005	27515602
5	Adhesive Layer PY Rosil Gas 50 ml - AKEL620	27515611
6	Adhesive Layer PY Rosil Burner - AKEL62011	27515610
7	Filler Black 2 ml Pen - AKEL62010	27515609
8	Structure Crystal White 2 mm 5 g - AKEL620	27515614
9	Cleaner - AKEL62014	27515613
10	Akemi Akelux Stone Repair System Quartz Kit S	27515639
11	Filler Transparent Flowing Liquid 2 ml Pen	27515638
12	Adhesive Layer Primer 1 ml - AKEL62013	27515636
13	Led Light Emitter - AKEL62032	27515872
14	Surface Treatment Akemi Triple Effect 250	27515871
15	Surface Treatment Transparent Film - AKEL6	27515870
16	Surface Treatment Cleaning Brush - AKEL6	27515863
17	Surface Treatment Grinding Polishing Bloc	27515862
18	Surface Treatment Planer Blade - AKEL62	27515861
19	Surface Treatment Planer - AKEL62021	27515860
20	Structure Crystal S Transparent 1 mm 5 g - AK	27515619
21	Structure Crystal S Transparent 2 mm 5 g - A	27515618
22	Surface Treatment Retouching Pen 1 ml - AKE	27515869
23	Surface Treatment Polishing Paste 150 g	27515868
24	Surface Treatment Polishing Cloth - AKEL	27515867
25	Structure Crystal S Black 1 mm 5 g - AKEL62	27515617
26	Structure Crystal S Black 2 mm 5 g - AKEL62	27515616
27	Structure Crystal S White 1 mm 5 g - AKEL6	27515615
28	Application Instrument - AKEL62036	27515876
29	Filler Transparent Gel 3 ml Pen - AKEL62002	27515600
30	Filler Marble White 2 ml Pen - AKEL62004	27515601
31	Filler Brown 2 ml Pen - AKEL62009	27515607
32	Filler White Flowing Liquid 2 ml Pen - AKEL	27515637
33	Mixing Plate - AKEL62035	27515875
34	Dental Spike - AKEL62034	27515874
35	Led Light Protection Shield - AKEL62033	27515873
36	Surface Treatment Abrasive Cloth 3200 - A	27515866
37	Surface Treatment Abrasive Cloth 4000 - A	27515865
38	Surface Treatment Abrasive Cloth 2400 - A	27515864



General & Specialty Tapes

Masking

17.2

Duct

17.3

VHB

17.4

Specialty Tapes

17.5





Masking

3M 101 VALUE MASKING TAPE

This is a cost-effective crepe paper tape that holds, bundles, seals and performs other non-critical taping jobs where a pressure sensitive tape is needed. This tape offers controlled unwind to prevent shredding or splintering and tears easily from the roll by hand.



DS Item #	Description
11020236	18mm x 55m
11013281	36mm x 55m
11020237	48mm x 55m

ipg PT8

This light green crepe paper backed painter's tape removes cleanly up to 8 days after application, even when exposed to direct sunlight. Resistant to humidity and paint bleed through. Secure adhesion with easy, clean removal from most surfaces.



DS Item #	Description
11020239	18mm x 55m
11020240	36mm x 55m
11020241	48mm x 55m

3M 200 TARTAN

A utility purpose paper tape for holding, bundling, sealing, non-critical masking and a vast number of other jobs where pressure sensitive tape is needed. Should not be subjected to outdoor or UV exposure.

Backing : Natural Crepe Pap
Adhesion : Rubber
Standard Roll : 60 yards (55 meters)



DS Item #	Description
11013280	3/4" x 60 yds
11013272	1" x 60 yds
11013273	1-1/2" x 60 yds
11013274	2" x 60 yds
11013275	3" x 60 yds
11013276	4" x 60 yds

3M 2311 SCOTCH PERFORMANCE TAPE

Natural colored crepe paper. A general purpose masking tape for holding, bundling, sealing, general paint masking and a vast number of other jobs.



DS Item #	Description
11013277	2" x 60 yds
11013278	3" x 60 yds
11013279	4" x 60 yds

More masking tapes available!

Call us!



Duct

ipg AC10

7 mil duct tape ideal for wrapping, sealing and general use. Conforms to irregular surfaces.



DS Item #	Description
11020238	48 mm x 55 mm

ipg AC50 MAXIMUM PERFORMANCE DUCT TAPE (14 MIL)

Premium grade duct tape for applications that require a significant level of tensile strength. Serves as an excellent moisture barrier.

Wide temperature range of adhesive system that bonds and holds to almost any surface.



DS Item #	Description
11013257	48 mm x 60 yds
11013259	96 mm x 60 yds

3M GENERAL USE DUCT TAPE 2929

Individually wrapped, easy tear.



DS Item #	Description
14020098	48 mm x 45.7 m

3M VINYL DUCT TAPE 3903 GREY

Individually wrapped, light duty applications where easy unwind, easy tear and less adhesive transfer are important. Clean removal. 6.3 mil.



DS Item #	Description
14020099	50 mm x 46 m

More duct tapes available!
Call us!



VHB

3M VHB TAPE

3M VHB tapes provide the convenience and simplicity of a tape fastener and are ideal for use in many interior and exterior bonding applications. In many situations, they can replace rivets, spot welds, liquid adhesives and other permanent fasteners. These 3M tapes are made with acrylic foam which is viscoelastic in nature. This gives the foam energy absorbing and stress relaxing properties which provides with their unique characteristics. The acrylic chemistry provides outstanding durability performance. VHB tapes utilize a variety of specific foam, adhesive, color and releaser liner types to provide each product/family with specific features. These features can include adhesion to specific or a broad range of materials, conformability, high tensile, strength, high shear and peel adhesion, resistance to plasticizer migration, and UL746C recognition. All 3M tapes have excellent durability and excellent solvent and moisture resistance.

3M 4951

This family of tapes is based around the low temperature applicable acrylic adhesive system, utilized on both firm and conformable foam types. These products are suitable for high surface energy substrates. Available in white (firm foam).



*Great for attaching porcelain
photos on monuments*

DS Item #	Description
27515693	1" X 36 yds
27515691	4 1/2" X 36 yds
27515690	5" X 36 yds
27515692	9" X 36 yds
27515736	12" X 36 yds

3M 94 PRIMER

3M™ Tape Primer 94 can be used to promote adhesion of 3M tapes to surfaces such as polyethylene, polypropylene, ABS, PET/PBT blends, concrete, wood, glass, metal and painted metal surfaces.



DS Item #	Description
27515765	8 oz. / 236.5 ml
27515689	0.02 oz. / 0.66 ml (tube)

**More VHB tapes available!
Call us!**



Specialty Tapes

Protective Tapes

3M 2E79C CLEAR PROTECTION

This short term protection tape with polyethylene backing and acrylic adhesive. Reduces chance of scratches during storage or transportation.



*Great to
protect monuments*

DS Item #	Description
11020023	12" x 1000 feet
10020026	30" x 1000 feet

PROTECTIVE FILM

Protects marble, granite and laminate surfaces during construction or remodeling. Up to three days UV exposure requiring good clarity, low elongation and good abrasion resistance.



DS Item	Description
11020029	30" Wide x 1000' Protective Film
11020028	24" Wide x 1000' Protective Film

ALPHA SURFACE PROTECTION TAPE

This tape is giving you both surface protection as well as a writable surface. It is a single-sided tape made of High-Density Polyethylene cloth laminated with Low-Density Polyethylene and a unique solvent-based acrylic adhesive. The tape tears cleanly and evenly without splintering, so no cutting tools are required.



DS Item #	Description
39916382	6" x 164'

ALPHA G-TAPE

This tape is waterproof and tears straight and easily by hand. It is highly weather/UV resistant and can be used in temperatures ranging from -40°F to 200°F. The ability to reposition it makes it great for quick repairs on all kinds of surfaces. The best part is that, although the adhesion is strong, it does not leave any residue when removed.



DS Item #
Call us

More specialty tapes available!
Call us!



Specialty Tapes

Transfer Tapes

3M 465 ADHESIVE TRANSFER TAPE

2.0 mil high tack acrylic adhesive 400 with 3.5 mil 60 lb densified kraft paper liner. High speed flying splices and zero speed splices on most grades of paper. 2 mil adhesive transfer tape with easy liner release for manual or hand applications.



DS Item #	Description
11013299	(2") 48 mm x 54.8 m
11013295	(3") 76.2 mm x 54.8 m
11013298	(4") 101.6 mm x 54.8 m
11013297	(6") 152.3 mm x 54.8 m
11013296	(12") 304.7 mm x 54.8 m
11013301	(8") 202 mm x 55 m

3M SCPM-44X PRE-MASK TRANSFER TAPE

This low-tack application tape is specially formulated to ease the application of large graphics to monuments and other substrates.



DS Item #	Description
11013255	(12") 100 yds
11013256	(24") 100 yds
11013262	(30") 100 yds

Construction Tapes

3M 5959 SUNLIGHT/UV RESISTANT

Removes clean with little or no adhesive residue for up to 3 months and has 3 month outdoor weathering. Protects a variety of substrates during construction.



DS Item #	Description
14020108	(2") 48mm x 41.1mm

3M 8087 CONSTRUCTION SEAMING TAPE

A printed 3 Mil thick Polypropylene Sheathing Tape coated with an aggressive Acrylic pressure sensitive adhesive designed for use as a closure system and vapor seal on all interior and exterior sheathing materials.



DS Item #	Description
14020109	(2") 48 mm x 50 m

Packaging Tapes

ipg 6100 PACKAGING TAPE

A clear polypropylene sealing tape. Transparent and very durable.



DS Item #	Description
11013254	(2") 48 mm x 50 m

ipg 534 FLATBACK PACKAGING TAPE

An excellent heavy duty packaging tape. brown in color, excellent strength.



DS Item #	Description
11013247	(2") 48 mm x 54.8 m
11013248	(3") 72 mm x 54.8 m



Cleaners, Sealers & Treatments

General Cleaners	18.2
Household Cleaners	18.5
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Enhancers	18.17
Honing	18.20
Brushes & Accessories	18.21
Pressure Washers	18.22





General Cleaners

GENERAL PURPOSE CLEANERS

People speak of using acids and blasting to clean masonry & stone, but actually they are destroying masonry. They are removing the first layer of masonry in order to remove the dirt. Instead, the Klenztone® approach to cleaning masonry is to penetrate into the pores and release the dirt from the surface so it can be rinsed off.

Klenztone® Stone Cleaners clean, brighten and preserve extremely dirty masonry surfaces easily and economically... and without harming the surface! Klenztone® is so completely unique that it has been awarded a patent from the United States government. And it's so safe and effective that it's been used to clean hundreds of thousands of terrazzo and marble floors.

KLENZTONE #1

Designed for the hardest to clean masonry surfaces. It makes old buildings, driveways, sidewalks, building entrances and even transit platforms look like new again. In fact, KLENZTONE #1 cleans grease and oil so effectively, it's ideal for warehouse, factory, garage or your home. Use before applying new sealer.

Use for: Limestone, Sandstone and Concrete.

Coverage: Approximately 150 - 250 sq. ft. per gallon, depending on the porosity of the surface.

Application: Apply undiluted, surface will be ready to rinse in less than 1 hour. Can be left to dry and rinsed off at your convenience.



DS Item #	Size
27015560	Gallon
27015561	5 gallon

KLENZTONE #2

Primarily the granite and marble cleaning formula of KLENZTONE. Whether the object you want to clean is as small as a tombstone or as large as a multi-story building, Klenztone #2 will quickly and easily remove years worth of built up dirt and grime, revealing the natural beauty of stone hidden underneath. **Do not** use klenztone #2 on any type stone that is polished. This formulation could streak or etch the polished surface

Use for: Unpolished Granite, Marble, Field Stone, Stucco and Colored Concrete.

Coverage: Approximately 200 - 300 sq. ft. per gallon, depending on the porosity of the surface.

Application: Apply undiluted, surface will be ready to be rinsed in less than 1 hour.



DS Item #	Size
27015564	Gallon
27015565	5 gallon



General Cleaners

KLENZTONE #3

Klenztone #3 releases dirt & grime without discoloration or damage to the surface, and it can be rinsed with low pressure (200 psi), keeping the surface intact. Klenztone #3 is also used to clean Terrazzo, Travertine & Marble floors that have become dull and dingy after years of stripping and resealing.

Use for: Terrazzo Floors, Travertine Floors, and Marble Floors

Coverage: Approximately 250 - 350 sq. ft. per gallon, depending on the porosity of the surface.

Application: Same as #1 and #2.



DS Item #	Size
27015568	Gallon
27015569	5 gallons

KLENZTONE #4

Makes cleaning many surfaces easy even the most sensitive types of masonry. Almost as rapidly as you can apply it, KLENZTONE #4 loosens the grime that ordinary cleaners can't touch. Then, after rinsing with water, surfaces return to new masonry appearance. The most popular for the stone industry.

Use for: Polished and unpolished stone.

Coverage: Approximately 300 - 500 sq. ft. per gallon, depending on the porosity of the surface.

Application: Apply undiluted, quickly cleans surfaces in 3-5 minutes then rinse.



DS Item #	Size
27015572	Gallon
27015573	5 gallons

KLENZTONE #5

Specifically designed with the home owner in mind. It is the easiest to use of all the Klenztone because it can be used on almost all masonry surfaces. From cleaning oil off your driveway to soot off your fireplace and everything in between, Klenztone #5 is your everyday restoration cleaner.

Application: Apply undiluted cleans in 5-10 minutes, depending on density of removal. Then rinse.



DS Item #	Size
27015576	Quart
27015580	Gallon
27015562	5 gallons

CSP® CONCRETE, STONE PREPARER

CSP is used to restore tile floors by removing soap scum and cleaning grout joints. It is also used to remove efflorescence white stains from brick. In addition, CSP is ideal to use before sealing.



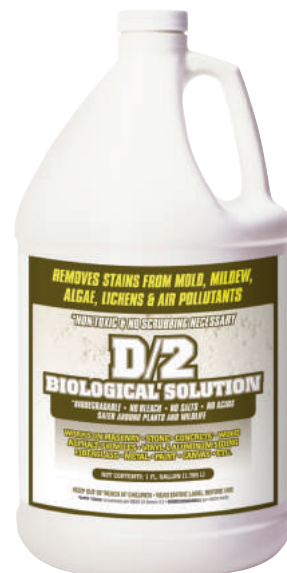
DS Item #
27015555



General Cleaners

D/2 BIOLOGICAL SOLUTION

D/2 Biological Solution is a biodegradable, easy to use liquid that removes stains from mold, algae, mildew, lichens and air pollutants. It is effective on marble, granite, limestone, brownstone, travertine, masonry, terra cotta, concrete, stucco, wood and other achitectural surfaces including monuments, sculpture and headstones. A contact time of only 10 to 15 minutes followed by scrubbing with a soft nylon or natural bristle brush will loosen most biological and air pollutant staining. D/2 Biological Solution is effective for removing harmful biological and air pollutant staining from many building materials including masonry, marble, granite, limestone, brownstone, travertine, terra cotta, concrete, stucco, wood, canvas and vinyl & aluminum siding.



Features and benefits:

- Fast acting: 10 to 15 minutes contact time for great results
- Biodegradable
- Contains no acids, salts or chlorine
- pH neutral
- Will not etch metals or glass
- Safer to use around plantings
- Is not a hazardous material and requires no special handling or protection
- Use full strength, no in-field mixing required
- Shelf life of 5 years

Why choose D/2 ?

- **Won't deposit harmful residues.** D/2 was developed by conservators who know the damage that can be done by cleaners containing acid or salts. Our products has been specially formulated without these harmful agents. D/2 is pH neutral quaternary ammonium solution with surfactants that help carry surface contaminants away. No other solution is more trusted by architectural and monument conservators.
- **Can be used on a variety of surfaces.** D/2 has been successfully used to remove staining from a variety of surfaces including natural stones such as marble, granite, limestone, sandstone, slate; masonry surfaces such as brick and cast stone; concrete; wood; aluminum and vinyl siding; and canvas.
- **It works !** D/2 has been successfully used to clean millions of buildings and monuments. From the White House to Arlington Cemetery, D/2 is trusted to work and keep on working when results matter.

DS Item #	Description
27015557	D/2 Gallon Biological Stain Remover
27015506	D/2 Pail 5 Gal Biological Stain Remover
27015508	D/2 55 Gal Biological Stain Remover
27015524	D/2 QT Spray Biological Stain Remover

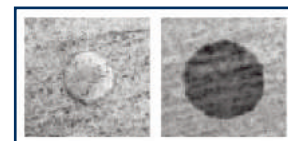


Household Cleaners

REVITALIZER, CLEANER AND PROTECTOR

For use on : All natural stone such as marble, granite, limestone, slate, terrazzo, travertine and sandstone.

- Daily cleaner and protector
- Mold and mildew resistant protector
- Built-in sealer makes surfaces easier to clean
- Gentle formula, neutral PH
- Available in 2 scents



After cleaning stone with Revitalizer™ cooking oil beads up for easy cleaning

After cleaning stone with other product cooking oil penetrates and stains surface

CITRUS SCENT

DS Item #	Size
27015651	24 oz. spray
27015741	24 oz. gift box
27015737	Gallon RTU (ready to use)

CUCUMBER SCENT

DS Item #	Size
27015652	24 oz. spray
27015733	Gallon RTU (ready to use)

STONE AND TILE CLEANER

For use on ceramic, porcelain tile and grout. All natural stone such as marble, granite, limestone, travertine, slate, terrazzo and sandstone.

- Daily cleaner
- Gentle formula, neutral PH
- Great for ceramic and porcelain tile



DS Item #	Size
27015656	24 oz. spray
27015724	Gallon

KLENZALL

For use on all natural stone such as marble, granite, limestone, travertine, slate, terrazzo, sandstone, ceramic, porcelain tile and grout. Can also be used on masonry and concrete.

- Powers through stubborn grease and soils
- Safe on stone, will not etch
- Professional strength
- Alkaline formula



DS Item #	Size
27015649	24 oz. spray
27015647	Gallon



Household Cleaners

BECOME A STONETECH DEALER!

Get started selling the leading stone and tile aftercare maintenance program with a minimal investment! Choose between a compact countertop display or an impactful 18" rack.



NEW—Countertop Display



Also available: 18" Display Rack

DS TECH TIP

MAINTENANCE

Keep your stone and tile looking great by following some simple precautions

Kitchen and Bathroom Counters

Many household foods, beverages, and cosmetics can degrade tile grout and damage stone. Common toiletries like perfume, mouthwash and toothpaste, as well as common foods such as orange juice and soft drinks contains acids and other ingredients that can degrade sealer or damage your stone's surface. Whether you have stone slab counters or stone, ceramic, or porcelain tile counters, using Revitalizer Cleaner & Protector will remove residues from cooking oils, everyday food spills, hairspray and other cosmetics.

Oily Stains

If you know the stain is oil-based (from foods like salad dressing, cooking oils, butter or some cosmetics), use Stone Tech Professional Oil Stain Remover to wick up the stain from deep within the stone.

Stone or Tile Floors

Clean your interior stone and tile floors frequently using a clean, non-treated, dry dust mop, as abrasive particles of sand and dirt can damage natural stone and tile surfaces. Mats or area rugs inside and outside your entrance ways will help minimize damage. Also, be careful when using a vacuum cleaner as the metal or plastic attachments and wheels can scratch the surface. Damp-mop your stone or tile floor with the properly diluted solution of one of the daily DuPont StoneTech Professional stone tile cleaners. Avoid walking on the floor until completely dry, as wet stone and tile floors tend to be slippery!

Bath and Other Wet Areas

Periodic use of StoneTech Professional Revitalizer Cleaner & Protector or Stone & Tile Cleaner will remove any soap scum and hard water deposits. In the bath, or other wet areas, using a squeegee after each use can minimize these common residues.



Industrial & Acid Cleaners

STONE GLO

StoneGlo can be diluted 50/50 with water and is used as an effective acid cleaner to remove tin oxide residue from granite. Safe to use on polished and unpolished surfaces. Simply clean stone with brush and rinse with clear water.



DS Item #	Sizes
27015592	4 L
27015591	20 L

CRYSTAL ACID

Crystal acid is an effective acid cleaner for cleaning dirt and organic stains from unpolished granites. Also available in 50 lbs bag. Usually a large handful in 4 gallons of clean water creates an ideal mixture.



DS Item #	Size
27015547	50 lb bag
27015548	15 lb Pail

RESTORE

For use on: granite, slate, sandstone. ceramic, porcelain tile and grout.

- Make tile and grout look new
- Cleans away hard water deposits, grout haze efflorescence and soap scum.
- Professional strength, acidic formula

Recommended surfaces

Do not use on colored concrete, dyed granite and acid sensitive stones such as marble, limestone and travertine. If unsure if granite is dyed, test first in a small inconspicuous area. If granite shows discoloration up to 24 hours after applying Restore, do not use product.



DS Item #	Size
27015671	Quart

DS TECH TIP

ACID PROTECTION

Always wear protective apparel when working with acid based products. I.E safety glasses and acid proof gloves.

ACID USED

Never add a secondary cleaner to an acid based cleaner. I.E bleach. This will create a potentially deadly gas.



Rust Removers

RUST REMOVER

Formulated specifically to remove rust spots and sap stains on granite. Not for use on polish stone. Rust Remover will also help to take natural spot out of certain types of granite.



DS Item #	Size
27015578	1 L
27015579	4 L
27015710	20 L

TIZ TWO

A very effective granite cleaning acid. Works well for removing board stains. Can be used with crystals on tough stains. Will darken light colored granites if allowed to penetrate.



DS Item #	Size
27015550	Gallon

ALPHA RSR-2000

Quickly remove common rust stains from natural stone surfaces, concrete, brick, terra cotta, Mexican tile, or other hard porous surfaces. This unique product comes as a pre-mixed gel in 14 ounce tubes. The RSR-2000 is specially formulated to work extremely fast and in most cases, will completely remove a rust stain within 5 minutes or less. RSR-2000 works much quicker than most poultices and is substantially easier to use. This highly efficient product is a non-hazardous chemical that is safe to use and will not harm the environment.



DS Item #
27015688

TERUST REMOVER RUST REMOVER POWDER

TeRust Rust Remover powder is designed to remove rust stains out of granite, marble, travertine, limestone, terrazzo, concrete, brick, and sanded grout. TeRust contains a special blend of chelates for removing rust stains from stone. By utilizing the stain process reversal technique, the TeRust Rust Stain Remover powder draws the stain out of the stone.
NOTE: Calcium based stones may etch and require repolishing.



DS Item #	Size
27515469	TeRust Rust Remover Powder 8oz

LIQUID RUST STAIN REMOVER

Water-based professional rust remover. For use on marble (unpolished), stone and granite. Specifically developed to remove every kind of rust residue or stain from the treated surface. Ready-to-use.



DS Item #
Call us



Graffiti & Oil Remover

STONE STAIN AWAY

Powdered aerosol stain lifter used by the stone trade

- Removes grease, oil, soil and more
- Removes circles and rings left behind by spray gun
- Made in North America



DS Item #	Size
27015503	16 oz. (454 g)

SUPERB

Superb is a concentrated cleaner/degreaser, use full strength for heavily soiled areas of dilute with water accordingly as per instructions and surface type.



DS Item #	Size
27015631	Gallon

OIL STAIN REMOVER

For use on: All natural stone such as marble, granite, limestone, travertine, slate, terrazzo and sandstone. Ceramic, porcelain tile and grout.

- Interior use only
- Pulls out deep-set oil stains
- Leaves no residue
- Will not discolor stone
- Easy to use, no messy plastic wrap needed



DS Item #	Sizes
27015668	3 oz. Can

TEPOUCH STAIN REMOVER POUCH

By utilizing the stain process reversal technique, the TePouch Stain Pouch draws the stain out of the stone with the ease of a pouch similar to those used in teabags. Designed to remove stains such as oil, grease, wine, tea, coffee, and other organic stains out of granite, marble, travertine, limestone, terrazo, concrete, brick, sanded grout, etc.



DS Item #	Size
27515407	TePouch (3 pieces)



Graffiti & Oil Remover

ELEPHANT SNOT

Effective for use on spray painted graffiti, marker, pen, ink, crayon, shoe polish, lipstick, pencil and most other graffiti marks found on brick, mortar, masonry, cement, concrete, stucco, terrazzo, pavers, porous tile. Natural stone surfaces such as granite, marble, sandstone, rocks, both porous/rough or polished. Also effective on glass, ceramic, porcelain, glazed tiles, and grout.



DS Item #	Description
27015607	Gallon Graffiti Remover
27015608	5 gallons Graffiti Remover

SHADOW MAX

Effective on shadows or ghosting residues that may occur on porous surfaces after using conventional graffiti removers. These include shadows left by spray paint, markers, inks, dyes, shoe polish, and most other shadows left on brick, mortar, masonry, cement, concrete, stucco, terrazzo, pavers, fieldstone, porous tile. Natural stone surfaces such as granite, marble, sandstone, rocks, both porous/rough or polished. Also effective on ceramic or glazed tiles, and grout.



DS Item #	Description
27015609	Qt Shadow Max
27015610	Gallon Shadow Max
27015611	5 gallons Shadow Max

SHIELD MAX

An anti-graffiti sacrificial coating for use on porous surfaces such as brick, concrete, cement, stone, stucco, etc. The recommended method of application is a sprayer (pump-up garden, etc.) or it can be rolled or painted on. It is invisible, no odor formula, nontoxic. SHIELD MAX is dry in minutes, and fully cured in hours. When graffiti is sprayed or marked on a coated surface, just spray the affected area with 1900 F pressurized hot water to remove the coating. The offensive graffiti comes off with the coating. The surface is cleaned without using any chemicals or any hand scrubbing. Recoat the area involved. NOT RECOMMENDED for walking surfaces. Protect sidewalks when applying to wall so no spray covers the walking surfaces.



DS Item #	Description
27015612	Qt Shield Max
27015613	Gallon Shield Max
27015615	5 gallons Shield Max

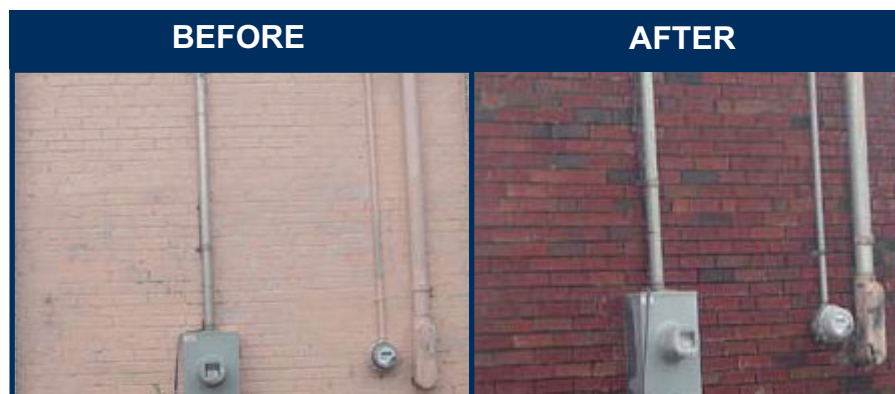


Paint & Coating Remover

COATING REMOVER

This product is an extremely effective and easy to use stripper, which is ideal to use in almost any application.

Coating Remover is a molecule expanding formula, so it works on virtually all coatings, including polyurethane and epoxy formulations. However, Coating Remover has a low volatility, so instead of evaporating rapidly, it remains on surfaces, working and softening. Coating Remover removes more paint in fewer applications than methylene chloride containing paint strippers, and because it is water-soluble and biodegradable, it cleans easily and is environmentally friendly.



Before using Coating Remover to remove layers of pain from this brick building.

Coating Remover was used to remove layers of paint from this building exposing the original brick underneath.



DS Item #	Size
27015546	Gallon

DBX SAFETY PAINT STRIPPER AND SEALER REMOVER

DBX is a non-hazardous, water-soluble paint stripping solution, which effectively softens coatings by expanding the molecules so that coating can be removed easily. It will not burn the person applying it. DBX works on conventional water-based and solvent-based paints, varnishes and sealers, as well as urethane and epoxy formulations.

Despite the fact DBX contains no highly toxic solvents or caustics, it retains benefits associated with each. DBX is a molecule expanding formula, so it works on virtually all types of coatings and sealers. DBX is also long lasting, so, like caustics, it is able to remove multiple layers of built up coatings without rapidly evaporating and losing its strength



DS Item #	Size
27015630	Gallon

HEAVY DUTY COATING STRIPPER

Suitable for all natural stone surfaces including slate, marble, and saltillo. Not intended for use on surfaces other than stone & masonry. Professional strength formula. Removes tough coatings, lacquers, varnishes, and epoxy grout haze. Low odor and non-flammable. Easy to use, water-based formula.



DS Item #	Size
27015694	Gallon



Sealers

BULLETPROOF

For use on: All natural stone such as marble, granite, limestone, travertine, and sandstone. **Best suited for the most porous stone surfaces.**

- Maximum protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Interior use
- Water-based



DS Item #	Sizes
27015717	Pint
27015698	Quart
27015699	Gallon
27015719	5 gallons

HEAVY DUTY SEALER

For use on: All natural stone such as marble, granite, limestone, slate, travertine, sandstone, flagstone and grout. **Excellent value**

- Heavy duty protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Interior use
- Water-based



DS Item #	Sizes
27015705	Pint
27015706	Quart
27015707	Gallon
27015708	5 gallons

SEALER

For use on: All natural stone such as marble, granite, limestone, slate, travertine. **Low porosity stones.**

- Protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Interior use
- Water-based



DS Item #	Sizes
27015661	Quart
27015662	Gallon
27015663	5 gallons

DS TECH TIP

PROTECT YOUR NATURAL STONE

People often assume that natural stone is "stain-proof", however all stone is porous to some degree. If not properly treated with a protective sealer, water, oils and other liquids can easily penetrate the stone, leaving behind unsightly stains and damage the stone. The good news is that once treated with a protective sealer, natural stone is ready for carefree, everyday use.



Sealers

PROSEAL

Protects granite against practically all potential kitchen stain causing items: coffee, wine, oil, mustard, ketchup, soda, etc. Proseal also works well with polished, honed, brushed, matte, finishes. Proseal protects the stone from oil and water stains too. It does not change the natural colors of the stone and allows the stone to breathe without leaving a film on the surface. The protection will last up to 4-5 years if the product is applied correctly on the surface and areas that are not under direct wear and use. Indoor/Outdoor.



DS Item #	Sizes
27515583	Proseal 250 mL
27515584	Proseal 1 L
27515585	Proseal 5 L

HYDREX

A penetrating sealer that prevents liquids (stains) from penetrating into the material through its micro-porosities. It allows the stone to breathe to maintain its natural characteristics. It is especially effective on polished granite and polished marbles. It does not change the color of the stone. Hydrex Sealer operates on the surface of materials. Indoor/Outdoor.



DS Item #	Sizes
27515573	Hydrex 250 mL
27515513	Hydrex 1 L
27515574	Hydrex 5 L

QUARTZ SHEILD

Quartz Shield Water Based Water and Oil Repellent for Quartz and Engineered Stone. For polished, honed and brushed surfaces. Excellent stain proof power. Approved for food contact in accordance with EC Regulation 1935/2004. Ready to use. Easy to apply.

NEW



DS Item #
Call us



For enhancers, see page 18.17



Sealers

HEAVY DUTY SEALER & REVITALIZER KIT

These convenient care kits include the following products:

- Pint Heavy Duty Sealer
- 24 oz. Revitalizer Spray
- Gift Box



DS Item #	Description
27015740	Citrus 2 part care kit

BULLETPROOF WARRANTY KIT

This industry leading 25 year residential or 15 year commercial fully transfer enable warranty kit includes:

- Quart of Bulletproof Sealer
- 24 oz. Revitalizer Spray
- Warranty Information
- Warranty Certificate Number
- Gift Box

Call for information and to get certified



DS Item #	Description
27015755	Warranty kit

Available exclusively in Canada at Derusha Supply.
SEE ADVERTISING ON NEXT PAGE.



THE BEST WAY TO PROTECT YOUR CUSTOMER'S INVESTMENT

Countertops are under daily assault from regular household stains. A simple red wine spill or a drop of olive oil can permanently stain granite or marble. However, treated properly your investment will last a lifetime.

DuPont, the leader in stain protection technology, has partnered with Protect Plus Surfaces to create *DuPont StoneTech Professional Warranty*. Your countertops will be treated with *DuPont StoneTech BulletProof Sealer*, a revolutionary premium sealer which DuPont believes to be the highest performing sealer available today. It offers advanced penetrating microbond protection and makes cleaning the stone easier. The BulletProof Sealer offers your natural stone project an invisible layer of power protection.

- Repels common household stains, including coffee, red wine, ketchup, mustard, cooking oil, soy sauce and common household food and beverages
- Maximum protection against the toughest oil and water based stains with our advanced penetrating microbond protection.

In addition to protecting countertops against stains, BulletProof Sealer is water-based helping you keep the environment - and your environment- free of solvent-based chemicals. It is available only through authorized distributors and dealers.

DuPont StoneTech Professional Warranty includes one of the industry's best warranties:

- 25-year, fully transferable residential countertop warranty
- 15-year commercial and industrial countertop warranty
- Guarantees stain protection from common household food and beverages; however etching is not covered
- Covers all granite, marble and quartzite options for countertops
- Covers replacement labor and materials
- 1-year outdoor countertop warranty on selected granite options
- Warranty transfers with the title of the property; no limitations

DuPont StoneTech Sealer Installers are certified professionals, giving consumers absolute peace of mind.

Included in the *DuPont StoneTech Professional Warranty* is a care kit containing *DuPont StoneTech Bullet Proof Sealer* and *Revitalizer Cleaner & Protector*.



15-year
commercial
warranty

25-year
residential
warranty



Sealers

HEAVY DUTY EXTERIOR SEALER

For use on: Natural stone such as granite, tumbled stone, slate, sandstone. Masonry and concrete.

- Heavy duty protection against water-based stains
- Water resistant
- Preserves natural look (not shiny)
- Minimize efflorescence
- Exterior use (UV Protection)
- Solvent-based

DS Item #	Sizes
27015716	Quart



HEAVY DUTY GROUT SEALER

For use on : Grout for ceramic and porcelain tile. Heavy duty protection against all stains.

- Protect grout and makes cleaning easier
- Mold and mildew resistant sealer
- Preserves natural look
- Interior and exterior use
- Water-based

DS Item #	Sizes
27015734	Pint
27015726	Quart
27015735	24 oz. Spray



GROUT RELEASE

For use on: All natural stone such as marble, limestone, travertine, slate, sandstone and tumbled stone. Masonry and concrete. Not for ceramic and porcelain tile. Heavy duty protection against all stains.

- Makes grout installation clean-up easier
- Prevents grout from staining stone
- Preserves natural look
- Interior and exterior use
- Water-based

DS Item #	Sizes
27015722	Gallon
27015720	5 Gallons



SALT WATER RESISTANT SEALER

High Performance protection against salt water damage and de-icing salts.

- Weather and UV-resistant.
- Water-based formula.
- Exterior use.

DS Item #	Sizes
27015759	Gallon





Enhancers

AGER

Suitable for aging all types of marbles, travertines, stones, granites and agglomerates. Used to obtain a “wet” effect both for indoor and outdoor application. We suggest to apply on surfaces flamed, rough or sanded. Ager is also suitable to protect surfaces against oil and water. The product does not change color when exposed to the sun.

DS Item #	Sizes
27515446	250 ml
27515538	1 L
27515549	5 L



TIGER AGER

We suggest the application of Ager Tiger on the edge of resined granites, particularly exotic stones, when it is necessary to match the color between the top, treated with resin, and the untreated edge. It is also suitable for ageing marbles, travertine's, stones, granites, and agglomerates when the surface is very porous. It is also a fantastic sealer against oil, graffiti, and household stains.

DS Item #	Sizes
Call us	250 ml
27515543	1 L
27515419	5 L



AGER REMOVER

Designed to remove the excess of Ager or Ager Tiger left on the surface by over-application or by allowing Ager or Tiger Ager to dry on the surface.

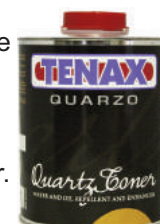
DS Item #	Sizes
27515449	Ager Remover 1L



QUARTZ TONER

A surface treatment that can be used to enhance Quartz, Engineered, and agglomerate stones. Works excellent for matching the edge of the stone with the surface polish. May be applied on polished, flamed, rough, sanded, honed, and brushed finishes. The product does not change color when exposed to the sun. Quartz Toner works as both a stone color enhancer AND a premium grade high quality sealer. Indoor/Outdoor.

DS Item #	Sizes
Call us	Quartz Toner 250 mL
27515448	Quartz Toner 1L



PECTRO

PECTRO is applied to polished granite to hide, disguise, or eliminate “webbing” and micro fissures. PECTRO BLACK is designed to work on polished dark granite specifically. Drying time: 5 minutes

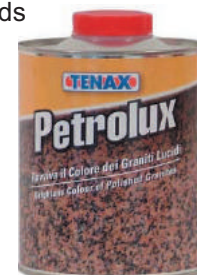
DS Item #	Color	Sizes
27515533	Clear	1 L
27515534	Black	1 L



PETROLUX

Recommended for polished dark granites. Used to darken the surface and eliminate superficial micro-porosities and web-cracks. Also used to increase the color and the polish effect. Amount of change depends on the granite. Easy to apply and remove, recommended for automated waxing lines. Petrolux is not designed as a sealer.

DS Item #	Sizes
27515536	1 L
27515544	200 L



DS TECH TIP

Ager will also solve the problem of color matching between a polished surface previously resined and the lighter colored polished edge of the same material.



Enhancers

UNIBLACK 1

UNIBLACK 1 is a very strong, concentrated black color enhancer designed specifically to eliminate the defects of black granite. Its application darkens the surface of the material and makes it more unified in color and consistency. Quick drying. Maintain the rich color by applying UNIBLACK 2.



DS Item #	Sizes
27515540	1 L

UNIBLACK 2

UNIBLACK 2 is a formulated black liquid wax used to increase the black effect on polished, brushed and smooth surfaces. The UNIBLACK2 increases the black effect without increasing the gloss. The product can be used on automatic waxing machines or manually. Recommended for restoring old materials which have lost their blackness.



DS Item #	Sizes
27515541	1 L

TEWAX

Used to increase the shine in onyxes, marble, natural stones, granite, agglomerates and terrazzo. It also can brighten up stones that have lost their shine. Cera Tewax is the result of pure and white waxes, dissolved through solvents. It allows high penetration levels on treated material leading to a long-lasting effect.



DS Item #	Colors
27515515	Clear
27515516	Black

PAMIR

A paraffin based wax used in stone fabrication. Great for touch-ups on marble or granite and protects countertops, tabletops, vanity tops and back splashes.



DS Item #	Colors
22514415	Pamir clear / white stone wax 1L
25514416	Pamir black stone wax 1L

TELUX

Telux is a self polish varnish used to create a polished effect to both smooth and raw materials such as marble, granite, onyx, and agglomerates. Telux forms a hard anti-scratch film on the surface that is extremely durable. It may be used on both countertops and floor applications. It is UV stable and does not yellow over time. It may be used for both indoor and outdoor applications.



DS Item #	Colors
27515537	Telux 1 L
27515516	Black

JET

JET is a liquid Varnish. Apply to a non polished surface that was missed during fabrication or too hard to reach or polish. The varnish forms a film or coating on the surface that creates a polished look. Completely dry in 15 minutes. Cannot be walked on. Great for jobsite touchups.



DS Item #	Size
27515512	500 ml



Enhancers

POLISH

For use on: All polished natural stone such as marble, granite, limestone and travertine. Not for use on floors. May create slipping hazard.

- Adds quick, brilliant shine to polished stone
- No greasy film
- Great for kitchen countertops and bathroom vanities



DS Item #	Sizes
27015682	24 oz. Spray

ENHANCER PRO

For use on: Unpolished natural stone such as honed, tumbled, flamed, etc. Marble, granite, limestone, slate, -travertine, sandstone, flagstone.

- Deepens color
- Heavy duty protection against all stains
- Weather and UV resistant
- Interior and exterior use
- Solvent-based



DS Item #	Sizes
27015675	Pint
27015676	Quart

HIGH GLOSS FINISHING SEALER

Use on slate, saltillo, limestone, travertine and concrete floors.

- High-Gloss formula: Two-in-one formula leaves a wet-look finish
- Protects against stains
- Easy-to-use, water-based formula
- Interior use only



DS Item #	Sizes
27015743	Quart

TEPOX V

TEPOX V is a special chemical color liquid used to color epoxy resins, Ager, Ager Tiger, or Petrolux. Recommended to achieve a good penetration of the color in the stone. Also used to restore or enhance the color and tone of stones. Perfect for color matching edges of resined stone. Designed for indoor applications.

DS Item #	Sizes	Description
27515550	250 ml	Black Liquid Tint
27515551	250 ml	Brown Liquid Tint
27515552	250 ml	Green Liquid Tint
27515553	250 ml	Red Liquid Tint
27515554	250 ml	Yellow Liquid Tint
27515555	250 ml	Blue Liquid Tint
27515556	250 ml	Gold Liquid Tint





Honing

HONE-IT

Liquid honing product for polished surfaces. Change slab from polish to hone finish in seconds without the work! Reduce costs by bringing a polished slab to a HONE finish in seconds without the use of any tools!



DS Item #	Formula
27015566	Granite
27015581	Marble

HONING POWDER

For use on: Most marble, limestone, travertine and terrazzo.

- Creates an even, honed, flat finish
- Sets up stone for polishing and shining
- Different grits eliminate mild to deep scratches
- Non-acidic
- Available in various grit levels
- Designed for professional use



DS Item #	Sizes	Grit
27015696	1 lb. 14 oz. Bottle	400
27015713	1 lb. 14 oz. Bottle	600
27015714	1 lb. 14 oz. Bottle	800

POLISHING POWDER (EURO POLISH)

For use on: Most marble, limestone, travertine and terrazzo.

- Creates smooth, satin finish
- Eliminates etch marks and light wear patterns
- Non-acidic
- Designed for professional use



DS Item #	Sizes
27015684	1 lb. 9 oz. Bottle

SHINING POWDER (EURO SHINE)

For use on: Most marble, limestone, travertine and terrazzo.

- Creates high shine finish
- Brings back luster of polished stone
- Non-acidic
- Designed for professional use



DS Item #	Sizes
27015683	1 lb. 8 oz. Bottle



Brushes & Accessories

ACID BRUSHES - PLASTIC BRISTLE

Designed for scrubbing masonry, brick, tile or stone. General cleaning with acids, soaps and solvents.



DS Item #	Description
27015535	8" Plastic (119)
27015541	8" Plastic (GG)
27015537	18" Plastic (523)

ACID BRUSHES – TAMPICO BRISTLE

Designed for scrubbing masonry, brick, tile or stone. General cleaning with acids, soaps and solvents.



DS Item #	Description
27015536	8" Tampico (120)
27015538	18" Tampico (522)

ACID BRUSH - HEAVY DUTY

Designed for scrubbing masonry, brick, tile or stone. General cleaning with acids, soaps and solvents.



DS Item #	Description
27015600	8 1/4" Heavy Duty (525)

ACID BRUSH – 6" TAMPICO

Designed for scrubbing masonry, brick, tile or stone. General cleaning with acids, soaps and solvents.



DS Item #	Description
27015540	6" Tampico (422)

ACID BRUSH – 8" TAMPICO BLOCK BRUSH

Designed for scrubbing masonry, brick, tile or stone. General cleaning with acids, soaps and solvents.



DS Item #	Description
27015517	8" Block Brush Tampico

NEOPRENE GLOVES

These heavy-duty rubber gloves give excellent protection against solvents, acids and other alkaline solutions. Gloves are 16" in. length. Size 10 stock size.



DS Item #
29512506

FORTEX PAIL

These popular fortex rubber pails won't rust, dent, leak or chip. They are not affected by heat or cold, acids, alkalis and most other chemicals.



DS Item #
29512531



Pressure Washers

JET2500

- Commercial
- Pressure: 2500 psi
- Flow rate: 2.7 gpm
- Motor/Engine type: Gas, Honda GC160, 5HP
- Pump: Comet AXD, axial
- Drive: direct
- Revolution: 3600 rpm
- Soap injection is included
- Hose of 25 ft.
- Wand: single of 36 in.
- Nozzle 4
- 78 lb (approximate)
- Warranty: 5 years limited



LP3545G

- Industrial
- Pressure: 3500 psi
- Flow rate: 4.5 gpm
- Motor/Engine type: Gas, Honda GX390, 13HP with oil alert
- Pump: Comet FW, plunger
- Drive: belt drive
- Revolution: 1350 rpm
- Soap injection is included with 4 liter soap jar
- Hose of 50 ft.
- Wand: single of 36 in.
- Nozzle 4
- 218 lb (approximate)
- Warranty: 5 years limited



S4053GH

- Industrial
- Pressure: 4000 psi
- Flow rate: 5.3 gpm
- Motor/Engine type: Gas, Honda 20HP, electric start, oil alert
- Pump: Comet HW, plunger
- Drive: belt drive
- Burner: Oil, 12 VDC
- Revolution: 1750 rpm
- Coil: Upright 1/2 in steel coil schedule 80
- Soap injection is included
- Hose of 50 ft.
- Wand: single of 48 in.
- Nozzle 4
- 840 lb (approximate)
- Warranty: 5 years limited



Many models are available.
Call us to discuss your needs.



Countertop Templating & Installation

Templating 19.2

Seam & Sink Setters 19.4

Carry Clamp & Carrying Devices 19.6

Countertop Installation Accessories 19.7

Sink & Dishwasher Anchors 19.8





Templating

LT-2D3D LASER TEMPLATOR

The LT-2D3D is the next evolutionary step forward from the LT-55 XL Laser Templator. For simple jobs like countertops, it works just like the LT-55 XL does. But where it stands out when you need to template back-splashes, walls, ceilings, shower enclosures or anything else on a vertical surface. With the pull of a pin, the LT-2D3D unlocks from its 2D mode and allows the laser to swivel along its vertical axis and continue measuring 3-Dimensionally. The software will also export a 3D wire frame (as well as standard 2D DXF/DWG files) based on your needs.



Measuring Features:

- Only 3D laser capable of being locked into 2D measuring mode
- Measures complete rooms including walls, floors and ceilings
- Measures as close as 2" and as far as 300'
- Allows measuring of walls from a distance - no adaptors needed
- Reduced setup for vertical measurements
- Can measure straight down

Software Features:

- Provides 3D wire frame for CAD software modification
- Creates JOD files, estimates and shop sheets in DXF/DWG, PDF & CSV
- Customers can sign off on jobs right on the tablet
- Free software updates for the life of the product



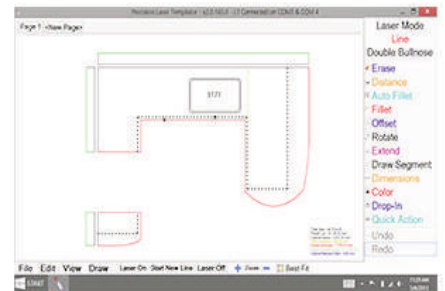
Leave Tape Measures In The Past

The LT-2D3D Laser Templator carries an accuracy of 0.0625" and a range up to 325' which is the industry standard. Not only does it record extremely precise measurements, it can do it consistently. When using the LT-2D3D, you will see tighter spaces between the countertop and wall than you have ever seen. Try doing that with a tape measure.



Measure Tight Spaces

The LT-2D3D Laser Templator can measure as close as 2" and as far as 325'. This makes it the only system that can measure in tight spaces like full height backsplashes, shower stalls, and tub surrounds. Compared to other systems, the LT-2D3D has the smallest blind spot (6" column directly beneath/above).



Laser Templator Software

The custom designed measuring software (**Laser Templator**) allows anyone to quickly learn to measure even complex jobs. It exports multiple file types (DXF, DWG, XML, ORD, PDF, CSV, TXT, & JPG) including shop sheets and customer contracts that they can sign off on while on the job site.



Templating

REPLACEMENT PARTS & ACCESSORIES FOR LT-2D3D & LT55XL LASER TEMPLATOR



LT-2D3D Laser Templator Power Supply

DS Item	25115128
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LT-2D3D Tripod

DS Item	25115129
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Surface Pro 4 Tablet

DS Item	25115124
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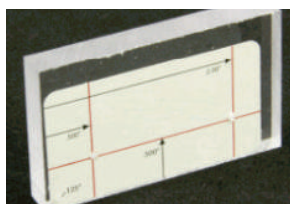
Surface Pro 4 Mount

DS Item	25115126
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Pins for Pin Target

DS Item	25115118
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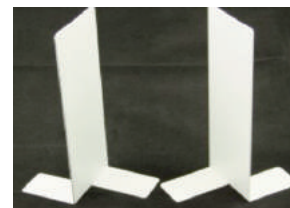
Pin Target Block

DS Item	25115117
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Black Shield

DS Item	25115130
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T-Target

DS Item Left	25115100
DS Item Right	25114977



Back Splash Adapter (LT-55XL only)

DS Item	25114981
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LT-55XL (Wireless) Laser Templator Power Supply

DS Item	25115112
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LT-55 XL (Wired) Laser Templator Power Supply

DS Item	21515111
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All other replacement parts & accessories available. Call us!



For Template Cutter, please see section 11 **Drafting & Layout**.

STYRENE

Template material made out of styrene is convenient and practical because you can write on the product and it can be rolled-up after measurements are complete. Available in 2 sizes: 3" Strips or 24" sheets.

DS Item	Description
29912517	2' X 8' Styrene Template Sheet
29912516	3" X 8' Styrene Sheet for Templating





Seam & Sink Setters

GORILLA GRIP SEAM SETTER

The gorilla grip sets the bar when it comes to Seam Setting.

Powerful Clamping Mechanism

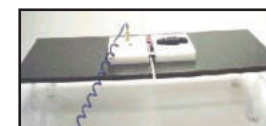
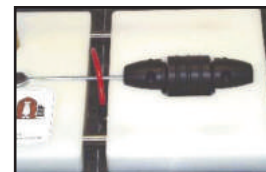
Seams are quickly opened or closed just by running the palm of your hand over the roller nut. Ball bearings and a polished thread acme screw push or pull on the connecting rod.

The Power to Align Heavy Stone Tops

The two clamp halves are aligned with precision ground steel guide rods. These rods are anchored to one side, and slide in precision bronze sleeves on the other side. The photo at left shows two pieces of engineered stone with one GORILLA clamp over the seam. These pieces are supported only at the ends. That's real alignment power!

Electric Vacuum Pump for Reliable Holding Power

An electric vacuum pump is used to insure reliable, consistent, and powerful clamping of the pods to the deck. Slightly porous stones will not be a problem, as the clamps will still work with several business cards underneath creating leaks around the gasket. You will no longer have the problem of suction cups popping off when your back is turned.

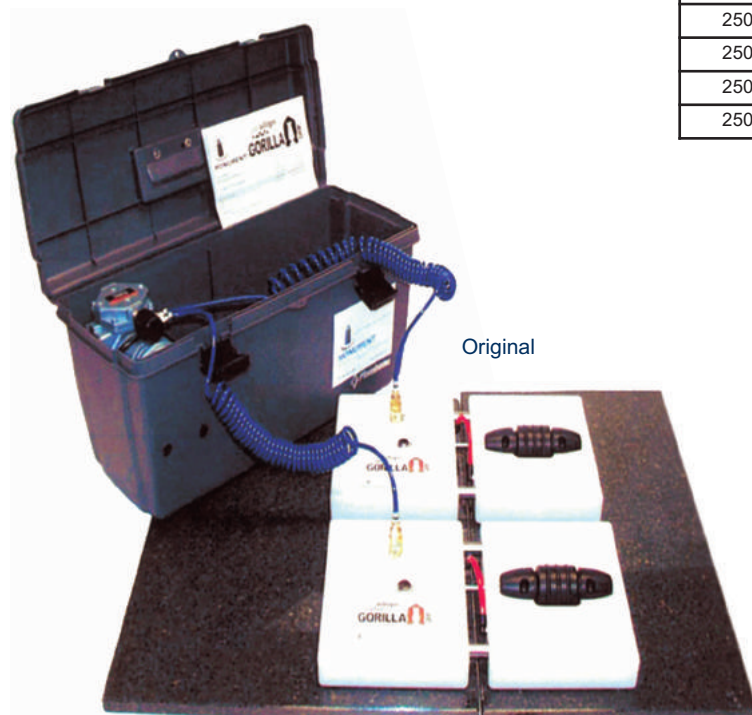


GORILLA GRIP

DS Item	Description
25015060	Original Gorilla Grip Pneumatic Seam Setter
25015225	Gorilla Grip 2.1 Camless Seam Setter

REPLACEMENT COMPONENTS

DS Item	Description
25015055	Exhaust Valve F/Gorilla Grip
25015056	5" Jumper Connect Hose 4/Set Gorilla Grip
25015057	90 Deg Elbow 2 PCS Set for Red Hose On Gorilla
25015058	Set of 4 Leveling Cams J Hook for Gorilla Grip
25015061	Set/4 Standard Gorilla Gasket W/4 Filters
25015196	Coiled Hose Assembly W/4 Crimps Gorilla Grip
25015197	Toolbox Casing for Gorilla Grip



2.1 Camless seam setter



Seam & Sink Setters

ABACO SINK SETTER

Must have tool for positioning and securing sinks to countertops

Features:

- Use for ceramic or stainless steel sinks
- Secure undermount sink while adhesive cures
- Kit comes in handy carry case
- Includes: locking bar, sink securing bracket, and knob with threaded rod
- Comes in two sizes to meet your needs



DS Item	Description	Max Sink Depth	Max Sink Weight	Weight
25014607	48" Abaco Sink Lock with Carrying Case	19"	100 lb	8 lb
25014604	24" Abaco Sink Lock with Carrying Case	19"	200 lb	14 lb

ABACO SEAM SETTERS

Quick and easy solution for accurate and safe positioning
Economical, Lig
and simple to u:



DS Item	Description
25014489	Ratchet Seam Setter

ABACO LEVELER

Features:

- Designed to level the surface of your countertops
- Efficient
- Accurate
- Lightweight
- Quick and easy to use



DS Item	Description
Call us	Abaco Leveler



Repair Kits



See section 16 **Adhesives**.

Cartridge Glue Match System



See section 16 **Adhesives**.



Vacuum Lifters



See section 15 **Lifting/Handling**.





Carry Clamp & Carrying Devices

ABACO CARRY CLAMPS

Features:

- Grip range: 0 - 40 mm
- Net weight 3 kg
- Lifting capacity per set: 400 lb (200kg)
- Sold in Pairs.



DS Item	Description
25014519	Abaco Black Rubber Carry Clamps
25014518	Abaco White Rubber Carry Clamps
25014680	Abaco Single Handed Black Carry Clamps

G-PRO CARRY CLAMPS

Features:

- A premium carry clamp made in Germany.
- Grip range: 0 - 40 mm
- Net weight 3 kg
- Lifting capacity per set: 500 lb
- Sold in Pairs.

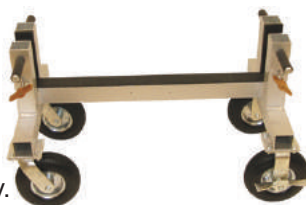


DS Item	Description
25014633	G-Pro Silver Flat Carry Clamps

GROVES ALUMINUM INSTALL CART

Features:

- Uses 8" all terrain pneumatic casters ((2) swivel and (2) rigid with brake)
- Heavy duty 750 lb capacity. High ground-clearance for stairs, thresholds, and curbs.
- Wheels can rest on stair treads.
- The AIC uses clamps to secure material to cart.
- Neoprene rubber is mounted to base and upright to help protect material.
- Lightweight, and rust free aluminum frame eases mobility.



DS Item	Description
25020292	Groves Aic 36" Alum. Install Cart
25020291	Groves Aic 68" Aluminum Install Cart

ABACO SELF-LOCKING TROLLEY

Features:

- Heavy duty all-terrain cart Rubber is vulcanized to cart for durable slab protection
- Self-locking jaws
- Clamping strength is proportional to the weight of the material
- Trolley has pneumatic tires and a kickstand



DS Item	Description
25014486	Abaco Self-Locking Trolley

ABACO DOLLY

Features:

- Used to move material around the shop and job site
- Solid rubber tires and two swivel casters
- Rubber lined on bottom to protect material



DS Item	Description
25014488	Abaco 4 wheel dolly



See entire stone handling solutions in section 15 **Lifting & Handling.**



Countertop Installation Accessories

SLAB EDGE GUARD

Features:

- When at rest, Slab Edge Guard supports countertops, stone panels, finish pieces, etc. to avoid breaking.
- It is simple, effective and easy to use.
- Compact, light weight, and easy to carry around.
- Available in black or in white for light colored marble.



DS Item	Description
25014216	40mm Slab Guard Black Rubber
25014215	30mm Slab Guard Black Rubber
25014214	20mm Slab Guard Black Rubber
25014212	30mm Slab Guard 10/pkg White Rubber
25014211	20mm Slab Guard White Rubber
25014213	40mm Slab Guard White Rubber

ROCK BLOCKS

Features:

- Specially designed to accommodate either 2CM or 3CM Stone.
- Non marring, durable, easy on, easy off attachment.
- Always attached while carrying stone, no more "cushy blocks" to move or find.
- Set Stone on any Floor without Damage to Floor or Stone.



Product	Prod Description
25014643	Rock Blocks Floor/Stone Protector (Set of 4)

RAZOR BLADES

Premium razor blades.
Sold by pack
of 100 blades/box.



DS Item	Description
25020025	Premium Razor Blades Box of 100
25020018	Enomical Razor Blades Box of 100

MEASURING TAPES

Features:

- Quality stainless steel measuring tapes with comfort grip.
- Dual sided high visibility numbers.
- A must for all professionals.



DS Item	Description
29912302	Stainless Tape Measure Komelon 16' X 1"
29912303	Stainless Tape Measure Komelon 25' X 1"

HORSESHOE LEVELING SHIMS

Available thicknesses :
1/16", 1/8" or 1/4".
Available in boxes of 100.



DS Item	Size
29520151	1/4"
29520150	1/16"
29520149	1/8"

PROTECTIVE FILM

Protects marble, granite and laminate surfaces during construction or remodeling. Up to three days UV exposure requiring good clarity, low elongation and good abrasion resistance.



DS Item	Description
11020029	30" Wide x 1000' Protective Film
11020028	24" Wide x 1000' Protective Film



See our entire tape selection in section 17 **Tapes**.



Sink & Dishwasher Anchors

UNDERMOUNT SINK KIT

Undermount sink kit includes rails and installation hardware. Use with all sink types - even the heaviest cast-iron, and with solid surface or stone countertops. Size can be adjusted to fit cabinet.



Features:

- Fully adjustable and removable.
- Use side to side or front to back
- Available in 24" or 36" (maximum length)

DS Item	Description
35016536	24" Sink Undermounter (1 Kit / Box)
35016538	36" Sink Undermounter (1 Kit / Box)

SINK & DISHWASHER KIT

Glue on clip for undermount sink and dishwasher installation. No drilling required and adapts to most applications.



DS Item	Description
29916598	Dishwasher Mount 3 Pcs Rotaloc
29916597	Sink Mount 3 Pcs Kit Rotaloc
29916599	Metal Sink Clip

SINKITS SINK CLAMPS

Fast, strong and easy to use. Requires a 6.5 mm or 7mm blind hole bit.



DS Item	Description
Call us	Sinkits Sink Clamps

GRANITE GRABBERS

Simple and easy to install under any type of countertop, no glue or drilling necessary. Provides a strong and secure vibration resistant solution.



DS Item	Description
Call us	Granite Grabbers

E-Z DISHWASHER BRACKET

Made from 22 gauge galvanized steel

- Eliminates dishwasher anchoring problems
- Easy installation under any type of countertop
- Can be installed prior to or after countertop installation
- Dishwasher does not have to be present at jobsite
- Eliminates return trip by countertop installer to anchor dishwasher



DS Item	Description
29916614	E-Z Dishwasher Bracket

SINK ANCHORS & SCREWS

Closed end Threaded Sink Anchor. Can be used for other appliances. Requires hole to be drilled in stone.



DS Item	Description
29916621	Threaded Sink Anchor
29916631	Lead Insert 10-24 Anchor (100/BOX)
29916626	Lead Insert 8-32 Anchor (100/BOX)
29916609	3/4" Screw for Anchor (PACK/100)
29916622	1/2" Screw for Anchor (PACK/100)
29916628	1" Screw for Anchor (PACK/100)



Crating & Shipping

Cardboard & Stretch Films

20.2

Strapping & Accessories

20.3

Markers & Accessories

20.4

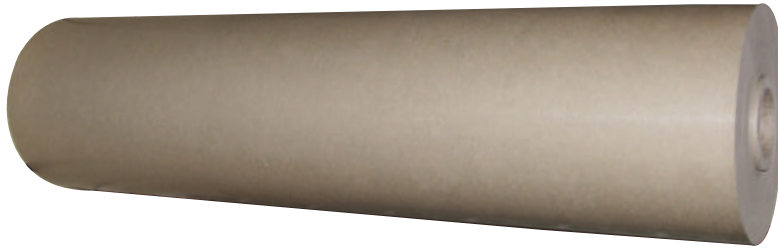




Cardboard & Stretch Films

CARDBOARD ROLLS

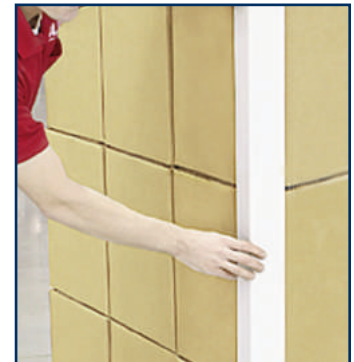
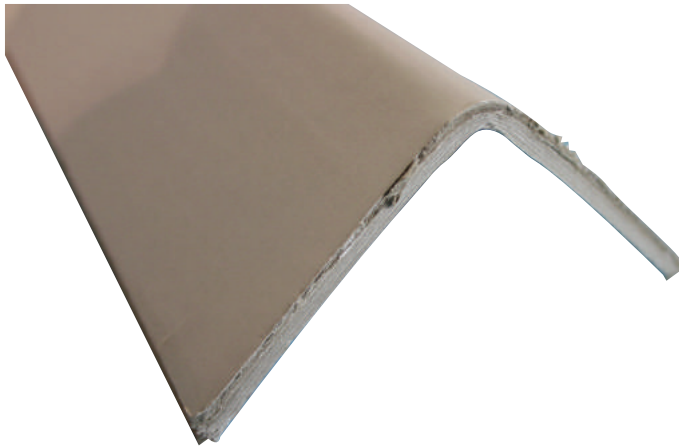
Economical, durable, thick and easy to use waxed cardboard rolls used in crating and packaging to protect stone.



DS Item #	Description
29912571	Cardboard Roll 42" width

CARDBOARD CORNERS

Cardboard Edges, also known as Edgeboard, is a tough laminated paperboard product formed into a 90 degree angle for protective packaging. It is designed to be used with all strapping materials. Rounded corner allows easier and more uniform tension to be applied, reduces corner damage and stabilizes.



DS Item #	Description
29912572	8 Feet length

STRETCH FILM

Used to protect shipments from the elements, stretch film has become the most economical way of protecting your products. For use with hand held wrapping device. 4 in a case, .75 mil.

Others sizes available,
please contact us to discuss
your needs.



DS Item #	Description
29912584	13.5" x 1450' Clear Stretch Wrap

STRETCH WRAP HOLDER

Stretch wrap holder 14" - 18" manual use.



DS Item #
29912573



Strapping & Accessories

INDUSTRIAL STRAPPING CART

- Big 10" rubber and steel wheels for easy maneuvering
- Automatic brake
- Large tray for storing seals and tools
- For polypropylene, polyester or steel strapping
- Fits core sizes 16 x 3" Steel and 16 x 6" Polyester



DS Item #	Description
29912581	Industrial Strapping Cart

STEEL STRAPPING

Steel strapping is uniform in width, gauge and strength with controlled elongation. Thickness .020, Coil Weight 45 kgs aprox.



DS Item #	Description
29912582	1/2" Steel Strapping
29912583	5/8" Steel Strapping
29912574	3/4" Steel Strapping

STEEL STRAPPING TENSIONER

- Standard 0.015 to 0.023 Thick Strapping
- Heavy Duty 0.025 to 0.031 Thick Strapping
- Use with Open Clips



DS Item #	Width Range
29912585	3/8" to 3/4" Steel Strapping
29912587	3/8" to 3/4" Steel Strapping - Heavy Duty

STEEL STRAPPING CUTTER

Cut Steel Strapping 3/8" to 1 1/4" wide In a Range of 0.015 to 0.031 Thickness



DS Item #	Description
29912604	Hand Cutter for Steel Strapping

CLIPS

Open Style for Steel Strapping.



DS Item #	Description
29912575	Clips for 1/2" Steel Strapping
29912576	Clips for 5/8" Steel Strapping
29912577	Clips for 3/4" Steel Strapping

CRIMPER

Standard Steel Tools are recommended for .015 to .023 Thick Strapping



DS Item #	Description
29912578	Manual Crimper for 1/2" Open Clips
29912579	Manual Crimper for 5/8" Open Clips
29912580	Manual Crimper for 3/4" Open Clips



Markers & Accessories

ipg 534 FLATBACK PACKAGING TAPE

An excellent heavy duty packaging tape. brown in color, excellent strength.



DS Item #	Description
11013247	2" x 60 yds
11013248	3" x 60 yds

ipg 6100 PACKAGING TAPE

A clear polypropylene sealing tape. Transparent and very durable.



DS Item #	Description
11013254	2" x 60 yds

See our complete tape selection in **section 17 Tapes**

MARSH PENS & INK

Marks on any surface: paper, wood, cardboard, metal and glass. Dries quickly. Pens and tips are also available. Ideal for marking wooden crates.



DS Item #	Description
29912547	Marsh #99 Felt-Tipped Marker
29912549	T-Grade Black Ink Quart
29912550	F-5 Felt Tips
29912551	F-7 Felt Tips

EDDING PAINT MARKERS

Edding Paint Markers dispense highly opaque pigment ink with a lacquer finish, suitable for marking virtually all surfaces including glass, plastic, wood and metal. Excellent adhesion, even on smooth or porous surfaces.



DS Item #	Description
29912563	Red Permanent Marker
29912564	Yellow Permanent Marker

For a greater selection of markers, see **section 11 Drafting & Layout**



Safety Equipment

Respirators & Masks 21.2

Respiratory Systems 21.4

Air Pumps 21.8

Gloves & Hand Protection 21.11

Eye Protection 21.13

Hearing protection 21.14

Raincoats 21.15

Head protection 21.15

Aprons 21.16

Work Boots & Shoes 21.17

Safety services 21.18





Respirators & Masks

3M RESPIRATORS (DISPOSABLE)

We recommend 3M disposable masks because your health is our first priority. In addition, 3M disposable masks feature the following:

- Lightweight and comfortable
- Adjustable nose clips
- Variety of strap types
- Variety of strap attachments
- Some available with carbon filter material for nuisance level relief¹
- Soft inner materials
- Compatible with most eye and hearing protection

3M 8200 N95



Particulate Respirator
Reliable protection against
Non-oil based particles

DS Item #	Box	Case
29516154	20 Masks	8 Boxes

3M 9211 N95



Particulate Respirator
Cool Flow Exhalation Valve
3 Panel Folding Design

DS Item #	Box	Case
29516144	10	10 Boxes

3M 8210 N95



Particulate Respirator
One of the most widely used
N95s in industry

DS Item #	Box	Case
29512533	20 Masks	8 Boxes

3M 8233 N100



Particulate Respirator
NIOSHs highest rated filtration
Efficiency at 99.7% against
Non-oil base particulates

DS Item #	Sold	Case
29512534	Individual	20 Masks

3M 8210V N95



Particulate Respirator
Cool Flow Exhalation Valve
One of the most widely used
N95s In industry

DS Item #	Box	Case
29517024	20 Masks	8 Boxes

3M 8511 N95



Uniquely designed to help provide
protection against certain non-oil
based particles. Designed to help
deliver classic N95 respiratory pro-
tection with the addition of the pro-
prietary 3M™ Cool Flow™ Valve

DS Item #	Box	Case
29516159	10	8 Boxes



WARNING

These respirators help reduce exposures to certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in sickness or death.** For proper use, see package instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



Respirators & Masks

3M FACEPIECE RESPIRATORS (RE-USABLE)

The 3M Half and Full Facepiece Respirators, 6800 Series, and 7500 Series make it easy for a company to standardize on one brand of respirators. These respirators use interchangeable filters and cartridges, minimizing the number of parts your facility needs to stock. They are versatile enough to meet all your current and future respirator needs. These products offer unique benefits, without limiting wearer comfort.



7500 Series
(Half Mask)



6800 Series
(Full Mask)



Wipes

DS Item #	Description	Size
29516165	7501 Half Facepiece	Small
29516145	7502 Half Facepiece	Medium
29516166	7503 Half Facepiece	Large
29516211	6800 Full Facepiece	Medium
29517030	504 Alcohol Free Wipes	Box/500

FILTERS & RETAINERS

Use the following filters based on your environment and exposure.



1



2



3



4



5

+



6

+



7

=



DS Item #	No.	Description
29520098	1	2071 Particulate Filter P-95
29517027	2	2091 Particulate Filter P-100
29520097	3	2097 Particulate Filter P-100
29516179	4	7093 Particulate Filter P-100
29516146	5	6001 Organic Vapor Cartridge
29516147	6	5P71 Particulate Filter P-95
29516148	7	501 Reatainer

**CALL US TO DISCUSS
YOUR REQUIREMENTS.**



Respiratory Systems

3M VERSAFLO PAPR

The new 3M Versaflo Personal Air Powered respirator has several characteristics and advantages that make it a must for cemetery blasting and other application.

- 1 All 3M Versaflo products are light-weight, compact and well-balanced
- 2 Adjustable airflow feature distributes air where the user wants
- 3 Multiple size adjustment options allow for a comfortable fit
- 4 Equipped with automatic flow control, low battery alarm, and low flow alarm
- 5 QRS (Quick Release Swivel) breathing tubes allow fast and easy connection
- 6 Provides excellent peripheral and downward vision
- 7 Easily removable parts allow simple cleaning, maintenance and replacement
- 8 The air inlet draws air from the bottom of the unit, allowing the wearer to sit without blocking the airflow intake



DS Item #	3M #	#	Description
29517000	M-107	A	Versaflo Respiratory Faceshield Assembly
29517001	BT-40	B	Versaflo H.D. Neoprene Breathing Tube
29517002	TR-305N	C	Versaflo PAPR Power Air Purifying Respirator Assembly
29517003	M-976	D	Versaflo Neck, Head & Shoulder Cover
29517004	M-170	E	Versaflo Faceshield HeadInserts
29517005	M-928	F	Versaflo Peel-Off Visor Covers
29517026	M-985	G	Versaflo Cap Mounted Earmuffs 28dB
29517036	TR-3710N	H	Versaflo Replacement Hepa Filter
29517054	M-407	I	Versaflo Helmet W/Shroud



Respiratory Systems

3M BREATHE-EASY PAPR

This unit as been discontinued but parts are still available. See VersaFlo System on previous page.



BREATHE-EASY REPLACEMENT PARTS

Item #	Description
29516098	PAPR Power Unit 520-15-00
29516091	Breathing Tube 520-01-00R01
29516094	Tyvek Hood (pkg/3) 522-01-11R03
29516082	Battery Charger BC-210
29517005	Protective Overlays (pkg/40) M-928
29520110	Filter Cartridges (3) HE (AP3) 450-00-01

PAPR POWER UNIT REPLACEMENT PARTS

DS Item #	Description
29516098	Breathe-Easy PAPR Power Unit (includes below)
29516153	Motor Blower 002-00-03R01
29516083	Battery Pack BP-15
29516070	Nylon Belt 520-02-90R01
29516088	AirFlow Meter 520-01-21

FILTER

DS Item #	Description
29520110	Filter Cartridges (3) HE (P3) 450-00-01
29520113	Filter Cartridges (3) OV (3) 456-00-01

3M AIR-MATE PAPR

This unit as been discontinued but parts are still available. See VersaFlo System on previous page.



AIR-MATE REPLACEMENT PARTS

DS Item #	Description
29516151	Air Filter Unit
29516092	Battery Charger 250-01-61SGL
29516094	Tyvek Hood (3) 522-01-11R03
29516105	Breathing Tube BE-224
29517005	Protective Overlays (pkg/40) M-928

PAPR POWER UNIT REPLACEMENT PARTS

DS Item #	Description
29516123	Air-Mate PAPR Power Unit (includes below)
29516151	Air Filter Unit 520-03-63R01
29516120	Battery Pack 007-00-63R01
29516121	Hepa Filter Element 451-02-01R01
29516070	Nylon Belt 520-02-90R01
CALL	AirFlow indicator 021-14-00R01

FILTER

DS Item #	Description
29516121	Filter Element (HEPA) 451-02-01R01 *

* This filter is the only filter available for this unit.



Respiratory Systems

88VX BULLARD RESPIRATOR

The Bullard 88VX Series airline respirators offer advancements in comfort and reliable respiratory protection for abrasive blasters and painters. The 88VX Respirator is NIOSH approved as a Type C and CEContinuous Flow Class Respirator (Approval No. TC-19C-293).

Advanced Protection

Advanced protection in the harsh exposures of blasting and painting. The snug, yet comfortable, sewn in neck cuff provides a physical barrier to airborne contaminants and helps maintain positive pressure within the helmet. A new double lining in the neck area now enhances durability and protection.

Comfortable Fit

A lightweight inner shell with an adjustable headband suspension holds the respirator firmly and comfortably on head. Airflow is channeled directly to the user's breathing zone for easy breathing. The helmet easily accommodates beards, prescription eye wear or safety glasses. No fit testing is required.

Head Protection

The helmet provides top impact and penetration protection. The helmet and cape help protect the worker's entire head, face and upper body from abrasive rebound, airborne contaminants and messy overspray.

Optimum Visibility

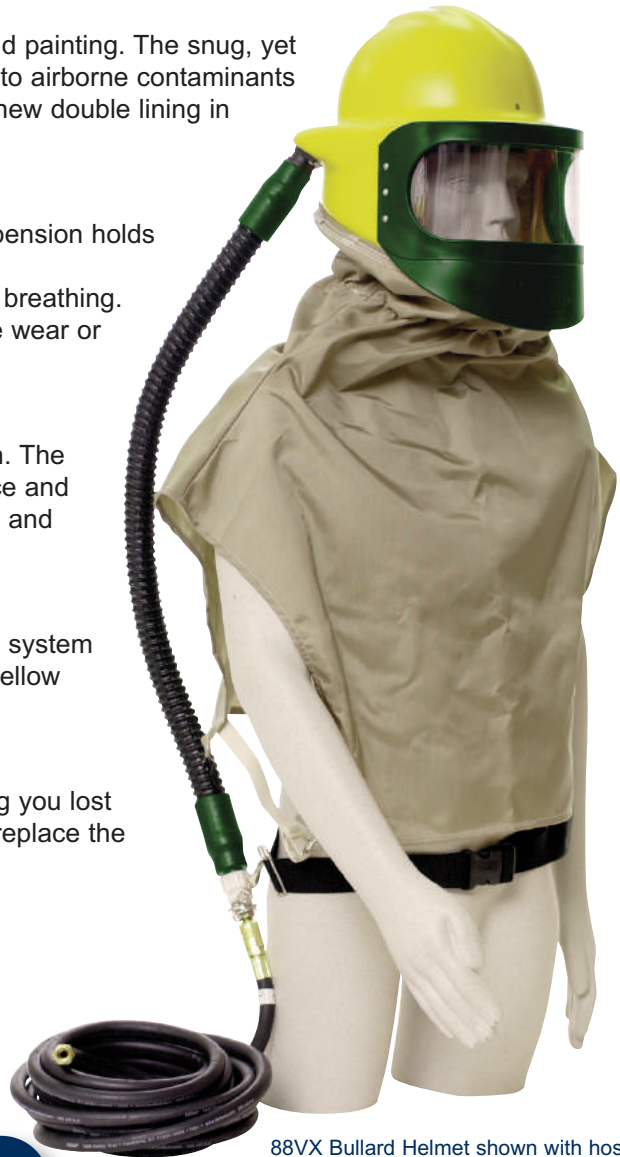
The wide-angle faceshield lens and headband suspension system are positioned for optimum visibility. With the translucent yellow helmet, workers don't experience a closed-in feeling.

Overall Convenience

88VX respirator components are easily replaceable, saving you lost time on the job as well as the inconvenience of having to replace the entire respirator assembly.

Bullard Helmet Kit includes :

- Bullard Helmet
- Breathing Tube
- Nylon 38" Cape
- Nylon Belt



88VX Bullard Helmet shown with hose.



See page 21.8 for free air pump to use with Bullard Helmet.

DS Item #	Description
29516045	88VX Bullard Helmet Kit
29516002	28" Length Nylon Cape
29515994	38" Length Nylon Cape
29515993	38" Length Hibernia Parka



Respiratory Systems

BULLARD REPLACEMENT PARTS AND ACCESSORIES

4612 NYLON BELT



DS Item #

29516021

88VXBT BREATHING TUBE



DS Item #

29516048

88BT/EVX35 FLOW BREATHING TUBE ASSEMBLY



DS Item #

29516050

F30 CONSTANT FLOW CONTROL



DS Item #

29520033

F40 AJUSTABLE FLOW CONTROL



DS Item #

12611999

F35 CONSTANT FLOW CONTROL



DS Item #

29520034

G7713 WINDOW FRAME GASKET



DS Item #

29516035

88VXAK KIT DOOR/GASKET/LATCH ASSEMBLY



DS Item #

29516040

88VXRAK KIT - RECT. DOOR/GASKET/LATCH ASSEMBLY



DS Item #

29516046

771R -.015" OUTER LENS



DS Item #

29516087

771B -.040" INNER LENS



DS Item #

29516039

88XLC PERFORATED LENS COVER



DS Item #

29516044

88VXRTP HEADBAND SUSPENSION WITH INNER SHELL/AIR PLENUM



DS Item #

29516049

Call us

Model

Ratchet

Pinlock

BFW BOX FRONT WINDOW FRAME



DS Item #

29516047

Air Pumps

BULLARD EDP10 ELECTRIC DRIVEN PUMP

When placed in a clean air environment, Bullard Free-Air® pumps offer a low-cost means of supplying clean, breathable air to respirator wearers working in contaminated environments up to 300 feet away from the pump. They are easy to operate and maintain. Free-Air pumps do not require temperature alarms, CO monitors or airline filters, so they can be a cost-effective alternative to compressed air.

Features:

- 3/4 HP electric-driven, oil-less air pump with open drip-proof motor drive
- Supplies air to one hood-style respirators
- Carrying handle
- Inlet and outlet filter cartridges
- Pressure gauge (0-15 psig)
- Electrical cord and On/Off switch
- One 1/2" Industrial Interchange quick-disconnect coupler
- Shipping Weight: 60 lb

Larger units available.
Call for information.



Model EDP10

DS Item #	Description
29516064	EDP10 Pump

BULLARD ADP20 AIR DRIVEN PUMP

The air driven Free-Air Pump supplies air to four hood-style or six half or full face mask respirators approved to operate at 25 psig or less. Intrinsically safe and offering an inlet drive pressure of 95 psig, air flow is 30 cfm at 5 psig. The ADP20 is also compatible with the Bullard Frigatron 2000 climate control devices (for one worker).



Model ADP20
shown with Helmet Kit and Hose

DS Item #	Description
29516056	ADP20 Pump



Air Pumps

BULLARD EDP10 REPLACEMENT PARTS AND ACCESSORIES

15921 SERVICE KIT



DS Item #

29515995

S19681 PRESSURE GAUGE



DS Item #

13011203

23611 INLET FILTER



DS Item #

29516004

244852 OUTLET FILTER JAR



DS Item #

29516005

263552 OUTLET FILTER O-RING



DS Item #

29516006

S17101 OUTLET FILTER



DS Item #

29516075

V50EX EXTENSION HOSE KIT



DS Item #

29516085

V50IN INLET AIR HOSE KIT



DS Item #

29516086

V1025ST 3/8" COMPRESSED AIR HOSE



DS Item #

29516029

V1025EXT 3/8" EXTENSION HOSES 25FT



DS Item #

29516030

V2050ST FULL SIZE FREE AIR PUMPS HOSE 50FT



DS Item #

29516081

V20100ST FULL SIZE FREE AIR PUMPS HOSE 100FT



DS Item #

29516080



Air Pumps

41 SERIES AIRLINE FILTER

Bullard 41 Series airline filters can be used in conjunction with other compressor safeguards to supply cleaner air to airline respirators. Seven layer filtration media effectively traps water, oil, particulates, odors, and organic vapors so that cleaner air can be delivered to workers or equipment. Carded cotton, felt material, activated charcoal and activated alumina work in sequence for air filtration. The 41 Series airline filters can help deliver air for up to six workers.

Features:

- 1" NPT inlet, 1/4" and 3/8" NPT (female) outlets
- Includes 41AF filter cartridge
- Regulator adjustable between 0-100 psig
- Relief valve set at 125 psig
- Pressure gauge
- Handle (41HK) must be ordered separately
- Shipping weight: 27 lb. Cube: 2.9

DS Item #

29516012



REPLACEMENT PARTS AND ACCESSORIES

41AF FILTER CARTRIDGE



DS Item #

29516009

41P2R REGULATOR & GAUGE ASSEMBLY



DS Item #

29516013

41RG REGULATOR GAUGE



DS Item #

29516018

41PRV PRESSURE RELIEF VALVE



DS Item #

29516017

41P2M MANIFOLD ASSEMBLY FOR FILTER



DS Item #

29516016

DS TECH TIP

The 41 Series Airline filters do not remove carbon monoxide and other toxic gases. The Bullard Airline filters must be used with a carbon monoxide (CO) monitoring system and other safeguards to help meet worker safety requirements.



Gloves & Hand Protection

GLAW LEATHER HALF-FINGER WRIST WRAP

AVG in palm, thumb and index finger. Nylon mesh back with hook & loop closure tab. Elastic wrist wrap with non-conductive support pad. Machine wash & dry. Sold individually or in pairs.



DS Item #	Description
29512523	X-Small left hand
29512524	X-Small pair
29512525	X-Small right hand
29512517	Small left hand
29512518	Small pair
29512519	Small right hand
29512514	Medium left hand
29512515	Medium pair
29512516	Medium right hand
29512511	Large left hand
29512512	Large pair
29512513	Large right hand
29512520	X-Large left hand
29512521	X-Large pair
29512522	X-Large right hand
29512609	2X-Large pair

GLAS LEATHER HALF-FINGER

AVG in palm, thumb and index finger. Nylon mesh back with hook & loop closure tab. Elastic cuff with hook & loop closure. Machine wash & dry.



DS Item #	Description
29512556	Medium pair
29512555	Large pair
29512529	X-Large pair

GMAW LEATHER HALF-FINGER MESH BACK WRIST WRAP

AVG in palm, thumb and index finger. Genuine leather with cotton mesh back. Soft terry lining for comfort and durability. 2" wide elastic wrap helps stabilize the wrist. Die cut to ensure consistent fit. Hook & loop closure.



DS Item #	Description
29512558	Medium pair

GMAS LEATHER HALF-FINGER MESH BACK

AVG in palm, thumb and index finger. Genuine leather with cotton mesh back. Soft terry lining for comfort and durability. Die cut to ensure consistent fit. Hook & loop closure.



DS Item #	Description
29512557	Medium pair

GAFS LEATHER FULL-FINGER

AVG in palm. Gel foam in thumb, thumb joint all fingers. Nylon mesh back with hook & loop closure. Elastic cuff with hook & loop closure. Machine wash & dry.



DS Item #	Description
29512552	X-Large pair



Gloves & Hand Protection

ACID GLOVES

40-mil thick, 18" long, rolled cuff, wear indicator over-dip, liquid proof.



DS Item #
29512506

CABINET GLOVES



DS Item #	Description
12113297	26" long, 8" ring

POLISHING GLOVES 32"



DS Item #
29512509

SANDBLAST GLOVES

12" natural rubber glove with 20" nitrile sleeve.



DS Item #
29512611

BLUE NITRILE GLOVES

Latex free, powder free, non sterile.
Industrial use only.
Non medical, ambidextrous.



DS Item #	Description
29520152	Large 100/Box
29520153	X-Large 100/Box

BLACK NITRILE HEAVY DUTY GLOVES

Latex free, powder free, non sterile.
Industrial use only.
Non medical, ambidextrous.



DS Item #	Description
29520136	Large 100/Box
29520137	X-Large 100/Box

WARNING

Components used in making these gloves may cause allergic reactions in some individuals. If allergic reactions occur, discontinue use immediately and consult with a physician.



Eye Protection

3M MAXIM

Clear Lens, Black Adjustable Temple
DX Anti-Fog Coat,
Soft Fit Nosepiece



DS Item #	Description
29517017	Maxim

3M PRIVO

Clear Anti-Fog Lens,
Black Frame Orange
Accents



DS Item #	Description
29517018	Privo

3M VIRTUA

Lightweight, High wraparound coverage, Impact resistant polycarbonate lens.



DS Item #	Description
29517014	Virtua AP
29517072	Virtua Sport Ambler

3M OX 2000

Fits Over Most Regular
Glasses
Clear Anti-Fog Lens,
Black Temple



DS Item #	Description
29517015	OX 2000

3M MAXIM SPLASH PROTECTIVE GOGGLES

Clear Anti-Fog, DuoSoft Polymeric Shroud
Fits Over Most
Regular Glasses



DS Item #	Description
29517013	Maxim Safety Goggles

3M RATCHET HEADGEAR H8A

Head & Face Protection with 3M Clear
Polycarbonate Faceshield WP96



DS Item #	Description
29517019	Headgear with Faceshield
29517020	Replacement Faceshield Clear

3M QX 1000

Soft nose bridge and adjustable temples, Anti-fog coating,
Wraparound, Polycarbonate lens, DX anti-fog hard coat.
Clear and grey lens available.



DS Item #	Description
29517016	QX 1000 Clear Lens
29517041	QX 1000 Grey Lens

3M KX 1000

High impact protection, Wraparound sideshields,
Polycarbonate lens absorbs 99.9% UV, Built-in sideshields.



DS Item #	Description
29517040	KX 1000



Hearing Protection

3M PELTOR H7A OPTIME 101



Over-the-Head Earmuffs
NRR 27 dB / CSA Class A

DS Item #	Description
29517006	Earmuffs Over-the-Head

3M PELTOR H7P3E OPTIME 101



Cap-Mount Earmuffs
NRR 24 dB / CSA Class A

DS Item #	Description
29517007	Earmuffs Cap-Mount

3M PELTOR 10A OPTIME 105



Over-the-Head Earmuff
NRR 30 dB / CSA Class AL

DS Item #	Description
29517008	Earmuffs Over-the-Head

3M PELTOR H10P3E OPTIME 105



Cap-Mount Earmuffs
NRR 27 dB / CSA Class AL

DS Item #	Description
29517009	Earmuffs Cap-Mount

3M 1100 FOAM EAR PLUG

Disposable
Tapered for Comfort
NRR 29 dB / CSA Class AL

*Most popular
Best value*



DS Item #	Description
29512492	Ear Plugs Pk/200 Pair

3M E-A-R CLASSIC EARPLUGS

Disposable
Individual Packaged by Pair
NRR 29 dB / CSA Class AL



Corded shown

DS Item #	Description
29517028	Corded Box/200 Pair
29512416	Uncorded Box/500 Pair

3M E-A-R PUSH-INS EARPLUGS

Disposable
EARfoam™ Foam Comfort
NRR 28 dB / CSA Class AL



Uncorded shown

DS Item #	Description
29517029	Uncorded Bag/100 Pair
29517039	Corded Bag/100 Pair



Raincoats / Head Protection

35 MIL LINED RAINCOAT

PVC 48" long polyester lined 35mm raincoat. Storm-fly front with raglan sleeves, detachable hood, cape back and noncorrosive/non-conductive plastic snaps.



DS Item #	Description
29512455	Medium
29512440	Large
29512441	X-Large
29512442	2X-Large

50 MIL RAIN JACKET

PVC polyester lined 50mm jacket. Storm-fly front with zipper, cape back, covered metal snaps and hook and loop tab at neck. Attached hood with drawstring and hook and loop closure on cowl neck. Inside cargo pockets at hem line, reinforced elbow patches and underarm vents.



DS Item #	Description
29512443	X-Large
29512444	2X-Large
29512445	Medium
29512453	Large
29512460	3X-Large

50 MIL RAIN SUIT

Polyester lined three piece PVC rain suit. Jacket with detachable hood, storm-fly front, raglan sleeves with take-up snaps at cuff and two patch pockets with snaps. Overall pants with snap-fly front, take-up snaps at ankle, non-corrosive/non-conductive plastic snaps and adjustable elastic suspenders with plastic buckles.



DS Item #	Description
29512432	Small
29512433	Medium
29512434	Large
29512435	X-Large
29512436	2X-Large
29512437	3X-Large
29512438	4X-Large
29512439	5X-Large

3M HARD HAT

4 point ratchet suspension ensures comfort. Available in Several Common Colors. Meets requirements of ANSI/ISEA Z89.1-2009. Type 1, Class C, G and E.



01-White



02-Yellow



03-Blue



04-Green



07-Grey



08-Navy Blue



05-Red



06-Orange



09-Bright Yellow

DS Item #	Description
29517021	Yellow Hard Hat

Case pricing may apply if your color selection is not a stocking color. 20 Hard Hats of 1 color per box



Aprons



PLASTIC APRON



DS Item #	Description
29520009	BLUE PRO-FAB PLASTIC APRON



PREMIUM VINYL



DS Item #	Description
29520010	BLACK PRO-FAB APRON PREMIUM VINYL
29520008	WHITE PRO-FAB APRON PREMIUM VINYL

ALPHA WATERPROOF APRON

High-Quality, Durable, Waterproof, Lightweight & Comfortable. Made out of D900 Oxford / PU coated material.



DS Item #	Description
39916383	ALPHA WATERPROOF APRON

POLYURETHANE APRON

These polyurethane aprons are designed to be extremely chemical and abrasion resistant.

- 6 mil
- Die cut apron
- 36" x 45"



DS Item #	Description
29520120	Yellow
29520121	Blue

HEAVY DUTY RUBBER APRON

- Extremely resistant and water proof
- Rubber/Cotton
- Black
- 36" x 46"



DS Item #
29512458



Work Boots & Shoes

LACED WORKING SHOE, HIKER STYLE

- Cushioned lining
- Tough P.U / Nylon upper with toe protector
- Double density P.U / rubber outsole
- Steel toe / Steel plate class 1
- Dielectric approved



DS Item #	Size
29516186	8
29516187	9
29516188	10
29516189	11
29516190	12

LACED WORK BOOT

- With cambrelle lining
- Durable nylon tongue
- Full grain nubuck leather / P.U. nubuck with toe protector
- Double density P.U / rubber outsole
- Steel toe / Steel plate class 1
- Dielectric approved



DS Item #	Size
29516192	8
29516193	8-1/2
29516194	9
29516195	9-1/2
29516196	10
29516197	10-1/2
29516198	11
29516199	11-1/2
29516200	12
29516201	12-1/2
29516202	13

BLACK STEEL TOE

- Economical compound
- Self-cleaning outsole
- Available in plain toe, safety toe and safety toe & plate
- CSA / ASTM approved



DS Item #	Size
29512586	6
29512473	8
29512474	9
29512475	10
29512476	11
29512477	12
29512499	13

GREEN INSULATED STEEL TOE

- Light weight and flexible TR compound
- Long wearing, self cleaning outsole
- 1" snow cuff
- Minus 40C/40F felt inner boot system
- Available in plain toe, safety toe and safety toe & plate
- Boy's plain toe available in sizes 3 to 5
- CSA / ASTM approved
- ESR / EH rated



DS Item #	Size
29512464	7
29512468	8
29512469	9
29512470	10
29512471	11
29512472	12
29512463	13



Safety Services

RESPIRATORY PROTECTION TRAINING SERVICES

- **3M'S ADVANCED RESPIRATOR TRAINING (ART):**
This comprehensive program is an advanced level respiratory protection course. It is intended for Health and Safety managers or any individual charged with development, implementation and maintenance of a Respiratory Protection Program.
- **3M'S QUALITATIVE FIT TESTING WORKSHOP (FTWS):**
This program is an intermediate level respiratory protection course. It is intended for individuals who will be responsible for conducting qualitative fit testing within their workplace.
- **USER TRAINING (UT):**
This is an introductory level respiratory protection course. It is intended for all respirator wearers. Employee training and fit testing is a requirement as outlined in the CSA Z94.4 standard.



Respirator Fit Testing

- Qualitative
- Quantitative

Fit Testing includes Fit Test Records in accordance with CSA Z94.4, and personal fit test cards.

Respiratory Protection

We can assist with

- Program Development
- Respirator Protection Program (Code of Practice):

HEARING CONSERVATION & 3M™ E-A-Rfit™ VALIDATION SERVICES

Elements of a Hearing Conservation Program

- Noise exposure assessment and monitoring
- Hearing protectors devices
- Education training and record keeping

E-A-Rfit™ Validation System

- Demonstration session show that in less than 10 seconds per ear, the 3Mtm E-A-Rfit™ Validation System generates a personal attenuation rating (PAR) for each worker
- Assistants selection of appropriate protectors for workers & environments
- Helps identify workers receiving inadequate protection, leaving them at risk for standard threshold shifts (STS)
- Documents data for further test comparison

Leading the
Advancement
of **Hearing**
Conservation™





Hand Carving & Cutting Tools

Pneumatic Hammers 22.2

Pneumatic Tools 22.3

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Pneumatic Hammers

THE BARRE SHORT STROKE PNEUMATIC CARVING TOOL : TYPE B

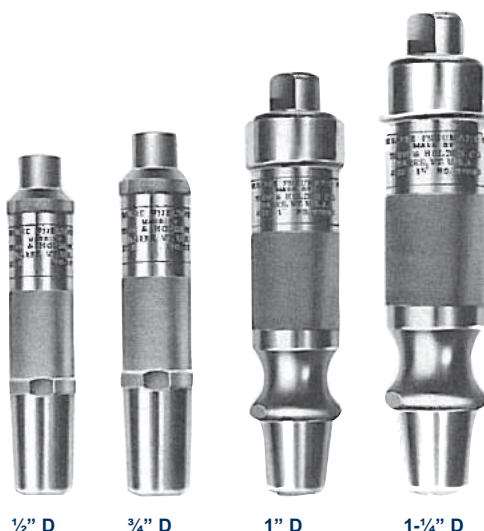
The "TYPE B" is designed to run very smoothly at all power levels. Available in Bantam, 1/2", 3/4" and 1" sizes; all are able to provide excellent power for heavier work yet still run smoothly at low power for fine work. All sizes also have a shaped finger grip for comfort and ease of control.



Specifications	SIZES			
	BANTAM	1/2" B	3/4" B	1" B
Diameter of piston	15/32"	1/2"	3/4"	1"
Outside diameter	7/8"	1-1/4"	1-1/2"	1-5/8"
Length overall	5"	5-3/4"	6-3/4"	7-1/2"
Weight - lb - oz	0-9	1-8	2-12	3-8
Shank size	5/16"	1/2"	1/2"	1/2"
Air consumption in. cu. ft	3	4	4	6
DS Item #	26015473	26015466	26015470	26015468

THE BARRE "DALLETT STYLE" PNEUMATIC CARVING TOOL : TYPE D

The BARRE "TYPE D" tool provides the maximum power per size ratios available anywhere. By using a longer stroke than our other pneumatic tools, the TYPE D strikes a harder blow over the full power range. Its simple design and rugged construction afford reliable and economical operation on the most demanding work. The 1" and 1-1/4" sizes are suitable for larger roughing applications and offer a shaped finger grip for greater control and comfort during extended use. The 1/2" and 3/4" sizes are perfect for finer jobs where detail and precision are required.



Specifications	SIZES			
	1/2" D	3/4" D	1" D	1-1/4" D
Diameter of piston	9/16"	3/4"	1"	1-1/4"
Outside diameter	1-1/8"	1-5/16"	1-11/16"	2"
Length overall	5-3/4"	6-3/4"	7-7/8"	8-3/4"
Weight - lbs. - oz.	1-4	1-14	3-8	5-10
Shank size	1/2"	1/2"	1/2"	5/8"
Air consumption in cu. ft.	3	4	6	8
DS Item #	26015467	26015472	26015469	26015465



Pneumatic Tools

CARBIDE CHISELS FOR USE WITH PNEUMATIC TOOLS

These round-shanked chisels are designed to fit Trow & Holden pneumatic tools. 1/2" shank chisels will fit 1/2", 3/4" or 1" "Type B" or "Type D" pneumatic tools. The 1-1/4" D pneumatic tool requires 5/8" shank size. The Bantam takes chisels with a 5/16" shank.

MACHINE CHISELS

DS Item #	T & H #	Stock	Shank	Width of Blade
26015143	CC1212F18	1/2"	1/2"	1/8"
26015145	CC1212F316	1/2"	1/2"	3/16"
26015141	CC1212F14	1/2"	1/2"	1/4"
26015147	CC1212F38	1/2"	1/2"	3/8"
26015139	CC1212F12	1/2"	1/2"	1/2"
26015156	CC5812F58	5/8"	1/2"	5/8"
26015150	CC3412F34	3/4"	1/2"	3/4"
26015159	CC5858F58	5/8"	5/8"	5/8"
26015153	CC3458F34	3/4"	5/8"	3/4"

Machine Chisels are used on all types of stone for carving, lettering and general stone removal. Use a Roughing Chisel for heavy duty removal. Cleaning up Chisels have a heavier stock and wider blade.

ROUGHING CHISELS

DS Item #	T & H #	Stock	Shank	Width of Blade
26015149	CC1212R12	1/2"	1/2"	1/2"
26015158	CC5812R58	5/8"	1/2"	5/8"
26015152	CC3412R34	3/4"	1/2"	3/4"
26015160	CC5858R58	5/8"	5/8"	5/8"
26015183	CF5812R1	5/8"	1/2"	1"
26015184	CF5812R114	5/8"	1/2"	1-1/4"
26015185	CF5858R114	5/8"	5/8"	1-1/4"

CLEANING UP CHISELS

DS Item #	T & H #	Stock	Shank	Width of Blade
26015178	CF1212F1	1/2"	1/2"	1"
26015179	CD5812F1	5/8"	1/2"	1"
26015181	CF5812F114	5/8"	1/2"	1-1/4"
26015180	CF5812F112	5/8"	1/2"	1-1/2"
26015182	CF5812F2	5/8"	1/2"	2"



Machine Chisels

Roughing Chisels

Cleaning up Chisels

CARBIDE CARVING CHISEL

Made exclusively by Trow & Holden Company, our Carving Chisels are the same size and shape as traditional machine chisels but feature an elongated carbide tip with three times more carbide, so they will last longer and require less maintenance. Available in straight or rondel styles up to 3/4" wide.



NEW!
Check Chisel Retainer on page 22.11

DS Item #	T & H #	Width of Blade
26015144	CC1212F18NS	1/8"
26015146	CC1212F316NS	3/16"
26015142	CC1212F14NS	1/4"
26015148	CC1212F38NS	3/8"
26015140	CC1212F12NS	1/2"
26015157	CC5812F58NS	5/8"
26015151	CC3412F34NS	3/4"

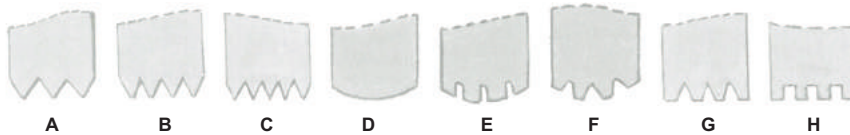


Pneumatic Tools

CARBIDE MARBLE CUTTING CHISEL & TOOTH CHISEL

A lighter weight chisel designed for use on marble and softer stone, even the widest blade width is light enough for use with the smaller air tools. Use the tooth chisels for roughing out or texturing. Available with blades seen below.

Please Note : Tooth Style E, F, G & H has changed!



Straight Blade Style



With Tooth Style

BLADE A STYLE

DS Item #	T & H #	Width of Blade
26015284	CMC#34-12A	3/4"
26015266	CMC#1-12a	1"
26015272	CMC#114-12A	1-1/4"
26015642	CMC#112-12A	1-1/2"
26015647	CMC#2-12A	2"
26015652	CMC#212-12A	2-1/2"
26015657	CMC#3-12A	3"

BLADE B STYLE

DS Item #	T & H #	Width of Blade
26015285	CMC#34-12B	3/4"
26015267	CMC#1-12B	1"
26015273	CMC#114-12B	1-1/4"
26015643	CMC#112-12B	1-1/2"
26015648	CMC#2-12B	2"
26015653	CMC#212-12B	2-1/2"
26015658	CMC#3-12B	3"

BLADE C STYLE

DS Item #	T & H #	Width of Blade
26015286	CMC#34-12C	3/4"
26015268	CMC#1-12C	1"
26015274	CMC#114-12C	1-1/4"
26015644	CMC#112-12C	1-1/2"
26015649	CMC#2-12C	2"
26015654	CMC#212-12C	2-1/2"
26015659	CMC#3-12C	3"

BLADE D STYLE

DS Item #	T & H #	Width of Blade
26015790	CMC#34-12D	3/4"
26015407	CMC#1-12D	1"

BLADE E STYLE

DS Item #	T & H #	Width of Blade
26015402	CMC#34-12E	3/4"
26015403	CMC#1-12E	1"

BLADE F STYLE

DS Item #	T & H #	Width of Blade
26015795	CMC#34-12F	3/4"
26015406	CMC#1-12F	1"

BLADE G STYLE

DS Item #	T & H #	Width of Blade
26015288	CMC#34-12G	3/4"
26015269	CMC#1-12G	1"
26015275	CMC#114-12G	1-1/4"
26015646	CMC#112-12G	1-1/2"
26015651	CMC#2-12G	2"
26015655	CMC#212-12G	2-1/2"
26015660	CMC#3-12G	3"

BLADE H STYLE

DS Item #	T & H #	Width of Blade
26015287	CMC#34-12H	3/4"
26015270	CMC#1-12H	1"
26015276	CMC#114-12H	1-1/4"
26015404	CMC#112-12H	1-1/2"
26015758	CMC#2-12H	2"
26015656	CMC#212-12H	2-1/2"
26015661	CMC#3-12H	3"

BLADE STRAIGHT STYLE

DS Item #	T & H #	Width of Blade
26015283	CMC#34-12	3/4"
26015264	CMC#1-12	1"
26015271	CMC#114-12	1-1/4"
26015265	CMC#112-12	1-1/2"
26015278	CMC#2-12	2"
26015279	CMC#212-12	2-1/2"
26015282	CMC#3-12	3"

CARBIDE RIPPER

The Ripper is perfect for relief work and for getting into hard-to-reach places. It's also used by masons for joint preparation.



DS Item #	T & H #	Stock	Shank	Number of teeth
26015186	CG1212-2	1/2"	1/2"	2
26015187	CG1212-3	1/2"	1/2"	3
26015190	CG5812-4	5/8"	1/2"	4
26015192	CG5858-4	5/8"	5/8"	4
26015191	CG5812-5	5/8"	1/2"	5

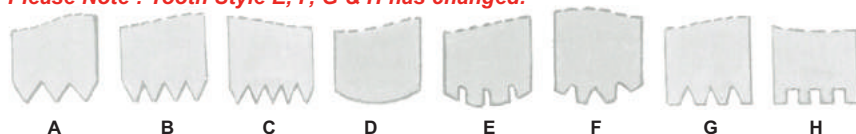


Pneumatic Tools

CARBIDE LIMESTONE CHISEL

Featuring more finely tapered carbide blades with traditional flared styling. Available with blades seen below.

Please Note : Tooth Style E, F, G & H has changed!



Straight Blade Style



With Tooth Style

BLADE A STYLE

DS Item #	T & H #	Width of Blade
26016189	CL5812F34-A	3/4"
26016216	CL5812F1-A	1"
26016224	CL5812F114-A	1-1/4"
26016232	CL5812F1112-A	1-1/2"

BLADE B STYLE

DS Item #	T & H #	Width of Blade
26016210	CL5812F34-B	3/4"
26016217	CL5812F1-B	1"
26016225	CL5812F114-B	1-1/4"
26016233	CL5812F1112-B	1-1/2"

BLADE C STYLE

DS Item #	T & H #	Width of Blade
26016211	CL5812F34-C	3/4"
26016218	CL5812F1-C	1"
26016226	CL5812F114-C	1-1/4"
26016234	CL5812F1112-C	1-1/2"

BLADE D STYLE

DS Item #	T & H #	Width of Blade
26016222	CL5812F34-D	3/4"
26016223	CL5812F1-D	1"

BLADE E STYLE

DS Item #	T & H #	Width of Blade
26016214	CL5812F34-E	3/4"
26016220	CL5812F1-E	1"

BLADE F STYLE

DS Item #	T & H #	Width of Blade
26016215	CL5812F34-F	3/4"
26016221	CL5812F1-F	1"

BLADE G STYLE

DS Item #	T & H #	Width of Blade
26016212	CL5812F34-G	3/4"
26016187	CL5812F1-G	1"
26016227	CL5812F114-G	1-1/4"
26016235	CL5812F1112-G	1-1/2"

BLADE H STYLE

DS Item #	T & H #	Width of Blade
26016213	CL5812F34-H	3/4"
26016219	CL5812F1-H	1"
26016228	CL5812F114-H	1-1/4"
26016236	CL5812F1112-H	1-1/2"

BLADE STRAIGHT STYLE

DS Item #	T & H #	Width of Blade
26016047	CL5812F34	3/4"
26016048	CL5812F1	1"
26016049	CL5812F114	1-1/4"
26016050	CL5812112	1-1/2"

CARBIDE CAPE CHISEL

The Cape Chisel is used for crisping lines, joining corners, detailing, or splitting. Cuts are narrower and deeper. It is also used by masons for removing old mortar in preparation for repointing.



DS Item #	T & H #	Stock	Shank	Width of Blade
26015164	CD121218	1/2"	1/2"	1/8"
26015165	CD1212316	1/2"	1/2"	3/16"
26015163	CD121214	1/2"	1/2"	1/4"
26015166	CD121238	1/2"	1/2"	3/8"

SWEPT CAPE CHISEL

The Swept Cape removes old mortar in preparation for repointing. Its curved shape prevents the chisel from getting stuck in mortar joints. Steel blade only.



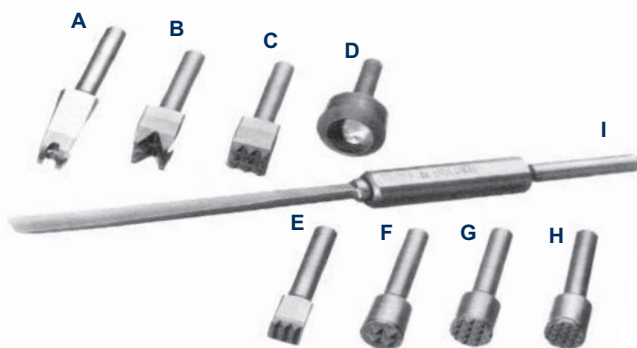
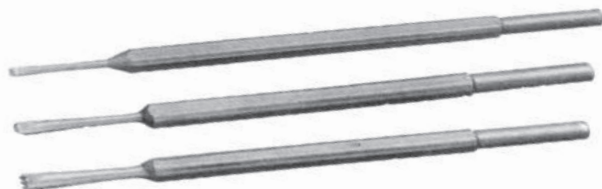
DS Item #	T & H #	Width of Blade
26015350	AD1212316S	3/16"
26015349	AD121214S	1/4"
26015352	AD121238S	3/8"



Pneumatic Tools

CARBIDE CHISELS FOR BARRE BANTAM

Tools for a barre bantam pneumatic device.



BLADE STRAIGHT STYLE

DS Item #	T & H #	Shank	Width of Blade
26015124	CC18	5/16"	1/8"
26015125	CC316	5/16"	3/16"
26015123	CC14	5/16"	1/4"
26015535	CC38	5/16"	3/8"

Note: 3/16" and 1/4" chisels available with rondel blades. 3/8" chisel available with teeth or rondel. All chisels with 5/16" shanks are designed to fit the Barre Bantam Pneumatic Tool only, but can fit any pneumatic tool with a 1/2" shank opening when used with a Pneumatic Tool Shank Adaptor.

BUSHING TOOLS

DS Item #		T & H #	Description
26015540	A	CBJ-4	3/8" SQ 4-PT Bush
26012388	B	CJ12516-4*	1/2" sq Heavy 4-PT Bush
26012387	C	CJ12516-9*	1/2" sq Heavy 9-PT Bush
26015130	D	CCC78516*	7/8" md Cup Chisel
26015129	E	CBJ3	3- Blade Bush
26015537	F	CBM-4	4- Tooth Frosting
26015538	G	CBM-12	12- Tooth Frosting
26015539	H	CBM-21	21- Tooth Frosting
26015307	I	S-WOOD	Bantam Wood Chisel Adaptor**

* Also available as Bushing Set

** Wood chisel not included.

DS TECH TIP

CARBIDE TOOL USE AND MAINTENANCE

Good maintenance of your carbide chisels lets you cut faster and more accurately. However, improper grinding can damage the carbide and cause tool failure.

To extend the life of your carbide-tipped chisel:

- Make sure your chisel comes in full contact with the stone and does not wobble on a high spot.
- When grinding, leave corners slightly beveled. Very sharp or pointed carbide may break on harder stones. Use an 80 grit silicon carbide (green) wheel or a diamond polishing disc to sharpen carbide.
- Don't forget to grind the shank end or striking head frequently to maintain the correct "as-new" shape for safe performance.
- Use care when storing or transporting carbide tools. Although tough and durable, carbide can break, especially when struck by another carbide tool.
- Never quench your carbide tool after grinding. Sudden changes in temperature can cause cracking or chipping of the tip, so always air cool your tool after grinding.



Pneumatic Tools

BUSHING SET

Anyone with a pneumatic carving tool will simply love these bushing chisels and the set makes a great addition to our pneumatic carving set.

Set includes:

- 5/8" sq. 4-point with 1/2" shank
- 5/8" sq. 9-point with 1/2" shank
- Cup chisel with 1/2" shank
- Wooden box (holds 4 chisels)

DS Item #
26015446



MACHINE POINT

Use with pneumatic tool to rough out stone and knock off high points.



DS Item #	T & H #	Stock	Shank
26015291	CMP12	1/2"	1/2" only
26015293	CMP58	5/8"	1/2"
26015290	CMP58	5/8"	5/8"

CARVERS' DRILL

Rotate gently between your fingers while your pneumatic tool provides the impact to drill holes up to 1/2" in depth in your material. Smaller sizes are perfect for detail carving.



DS Item #	T & H #	Stock	Shank	Width of Blade
26015170	CE121218	1/2"	1/2"	1/8"
26015171	CE1212316	1/2"	1/2"	3/16"
26015169	CE121214	1/2"	1/2"	1/4"
26015172	CE121238	1/2"	1/2"	3/8"
26015173	CE581212	5/8"	1/2"	1/2"



Pneumatic Tools

CARBIDE 4-POINT BUSHING CHISEL



DS Item #	T & H #	Stock	Shank
26015251	CJ3812-4	3/8"	1/2"
26015242	CJ1212-4	1/2"	1/2"
26015253	CJ5812-4	5/8"	1/2"
26015256	CJ5858-4	5/8"	5/8"
26015246	CJ3412-4	3/4"	1/2"
26015249	CJ3458-4	3/4"	5/8"
26015235	CI1212-4-L	1/2" (9")	1/2"
26015239	CI5812-4-L	5/8" (9")	1/2"
26015237	CI3412-4-L	3/4" (9")	1/2"

CARBIDE 9-POINT BUSHING CHISEL



DS Item #	T & H #	Stock	Shank
26015244	CJ1212-9	1/2"	1/2"
26015255	CJ5812-9	5/8"	1/2"
26015257	CJ5858-9	5/8"	5/8"
26015248	CJ3412-9	3/4"	1/2"
26015250	CJ3458-9	3/4"	5/8"
26015236	CI1212-9-L	1/2" (9")	1/2"
26015240	CI5812-9-L	5/8" (9")	1/2"
26015238	CI3412-9-L	3/4" (9")	1/2"

CARBIDE CUP CHISEL

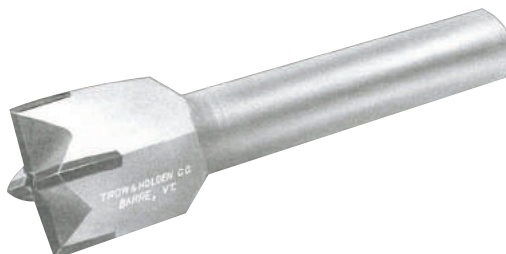
A bushing tool that will follow the contour of the stone and close the surface without digging in, the Cup chisel leaves a unique finish.



DS Item #	T & H #	Stock	Shank
26015161	CCC7812	7/8"	1/2"
26015162	CCC7858	7/8"	5/8"

CARBIDE CRISS-CROSS CHISEL

The Criss-Cross leaves a unique cross-hatched finish and nicely follows the 9-point or three blades.



DS Item #	T & H #	Stock	Shank
26015243	CJ1212-4CC	1/2"	1/2"
26015254	CJ5812-4CC	5/8"	1/2"
26015247	CJ3412-4CC	3/4"	1/2"



Pneumatic Tools

CARBIDE MARBLE FROSTING TOOL

Used to leave a fine texture in marble or softer stone.

DS Item #	T & H #	Stock	Shank	Rows (teeth)	Teeth/Row
26015260	CM-25	1/2"	1/2"	5	5
26015262	CM-49	5/8"	1/2"	7	7
26015263	CM-64	3/4"	1/2"	8	8



CARBIDE DOUBLE BLADE CHISEL

Use after the 4-point or 9-point for further smoothing.

DS Item #	T & H #	Stock	Shank	Width of blade
26015194	CH58121	5/8"	1/2"	1"
26015195	CH5812112	5/8"	1/2"	1-1/2"



CARBIDE THREE BLADE BUSHING CHISEL

Used to create an axed or brushed finish.

DS Item #	T & H #	Stock	Shank
26015241	CJ1212-3CC	1/2"	1/2"
26015252	CJ5812-3CC	5/8"	1/2"

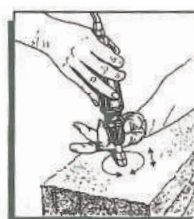


DS TECH TIP

BUSHING TOOLS

By using various bushing tools with your pneumatic hammer, it is possible to rough out, finish carve and texture many types of stone. This valuable stone working technique not only saves time, but also produces a wider variety of surface finishes than possible with conventional hand tools.

Break in Bushing tools by using at medium power for an hour or two before using at full power.



Do not hold onto the bushing chisel. Hold the pneumatic tool perpendicular to the stone so the chisel moves freely, bouncing and spinning over the surface in a random pattern.



The 4-point chisel, above left, is ideal for roughing out your work and will leave a coarse texture. The 9-point chisel, center, removes less material but leaves a finer surface. The cup chisel, right, will not dig and is excellent for curved areas; use it to achieve a smoother texture prior to final finish.

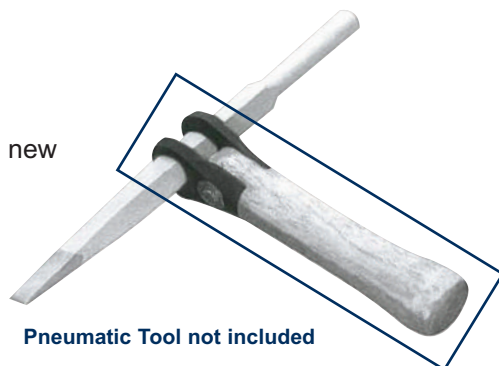


Pneumatic Tools Accessories

CHISEL TILLER

Reduce vibration and enhance control of your pneumatic chisels with the new Chisel Tiller. The rubber loops are easy to install yet secure enough for roughing out. Three sizes are available to fit all of your air chisels.

DS Item #	T & H #	Size
26015809	CW12	1/2"
26015810	CW58	5/8"
26015811	CW34	3/4"

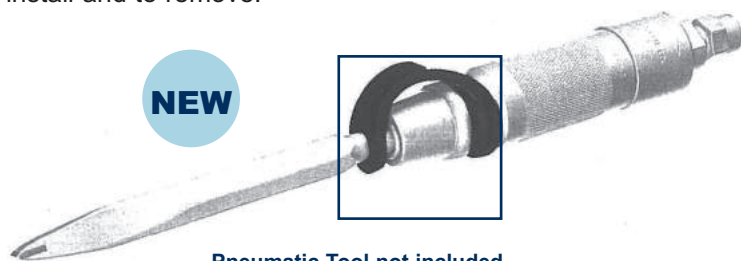


Pneumatic Tool not included

CHISEL RETAINER

We've finally hit upon a way to secure your chisel inside a pneumatic carving tool while keeping it loose and easy to control. A simple, precision rubber part that loops onto your chisel and air tool, the Chisel Retainer is both easy to install and to remove.

DS Item #	Pneumatic tool size	Shank size
26015820	Barre Bantam	5/16"
26015821	1/2" D Dallet Style	1/2"
26015822	1/2" B Short Stroke	1/2"
26015823	3/4" D Dallet Style	1/2"
26015824	3/4" B Short Stroke	1/2"
26015825	1" D Dallet Style	1/2"
26015826	1" B Short Stroke	1/2"
26015827	1-1/4" D Dallet Style	5/8"



Pneumatic Tool not included

AIR TOOL COMFORT GRIP

Comfort and control are the big advantages of installing a Comfort Grip. The snug lifting rubber loops can be "shimmied" onto your air tool, providing you with a wooden handle that will reduce vibration while maintaining the speed and control you have come to expect from pneumatic tools.

DS Item #	T & H #	Fit pneumatic tool size
26015801	PG1	1/2" B, 1/2" D, and 3/4" D
26015802	PG2	3/4" B
26015803	PG3	1" B & 1" D
26015804	PG4	1-1/4" D



Pneumatic Tool not included

DOUBLE COMFORT GRIPS

Double Comfort Grips operate on the same principal as the single Comfort Grip, but are better suited to heavy-duty bushing. The grips protrude from each side for aggressive, two-handed operation of your air tool.

DS Item #	T & H #	Width of Blade
26015805	DG1	1/2" B, 1/2" D, and 3/4" D
26015806	DG2	3/4" B
26015807	DG3	1" B & 1" D
26015808	DG4	1-1/4" D



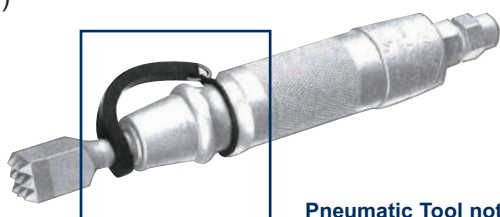
Pneumatic Tool not included



Pneumatic Tools Accessories

SWIVEL RETAINER

The Swivel Retainer is designed specifically for use with our Bushing Chisels, but will work with any round shank tool. It easily and securely clips on to the air tool with a flexible loop, keeping the chisel free to “dance” on the stone. Swivel Retainers require no modifications to your air tools or chisels and are available to fit all of our various size pneumatic tools. (Shown on 1/2" B pneumatic tool (not included))

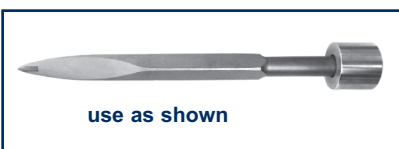


Pneumatic Tool not included

DS Item #	T & H #	Size	Shank
26015812	1SR	Barre Bantam	5/16"
26015813	2SR	1/2" D Dallet Style	1/2"
26015814	3SR	1/2" B Short Stroke	1/2"
26015815	4SR	3/4" D Dallet Style	1/2"
26015816	5SR	3/4" B Short Stroke	1/2"
26015817	6SR	1" D Dallet Style	1/2"
26015818	7SR	1" B Short Stroke	1/2"
26015819	8SR	1-1/4" D Dallet Style	5/8"

DETACHABLE STRIKING CAP FOR 1/2" SHANK TOOL

Convert 1/2" round tool shanks into hand tools by providing a hardened steel striking surface. With the Striking Cap, you can strike your machine chisel with a hand hammer without damaging the shank. For light duty use only. Not intended for use with Carving Chisels or Bushing Chisels.



DS Item #
26015122

VALEO ANTI-VIBRATION GLOVES

Take care of your hands and wrists with these leather work gloves that feature “Anti-Vibration Gel” padding in the palm, thumb and index finger to absorb vibration while working with hand or air hammers. The nylon mesh back gives flexibility and helps you stay cool. They are available with moderate (GLAS style) or maximum (GLAW style) wrist support, in half fingers, ranging in size from XS to XXL.

NEW



GLAS STYLE

DS Item #	Size
29512556	Medium pair
29512555	Large pair
29512521	X-Large pair

GLAW STYLE

DS Item #	Size
29512524	X-Small pair
29512518	Small pair
29512515	Medium pair
29512512	Large pair
29512511	X-Large hand

PNEUMATIC TOOL OIL

Pneumatic oil for use in lubricating pneumatic tools. Sold in pint format.



DS Item #
29015817

HOSE KIT FOR PNEUMATIC TOOLS

Includes 10 feet of flexible 3/8" ID air hose, valve to control air flow and 1/4" treated bushing at each end.

**Additional hoses and connectors in stock.
Call us to discuss your needs!**



DS Item #
26016160



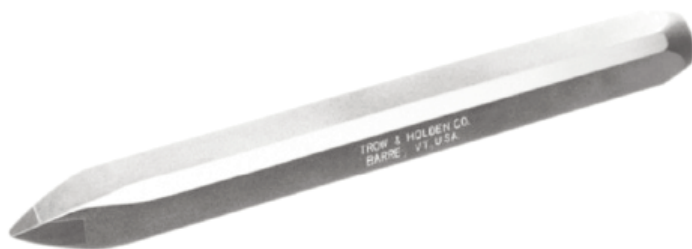
Carbide Hand Tools

CARBIDE-TIPPED HAND TOOLS

Our hand tool striking heads are tempered to provide both good wear and impact resistance. They will "swell" with repeated use and should be ground frequently to maintain their correct, "as-new" shape to ensure their safe performance. Always wear hand, eye and ear protection when using any of our tools.

CARBIDE HAND POINT

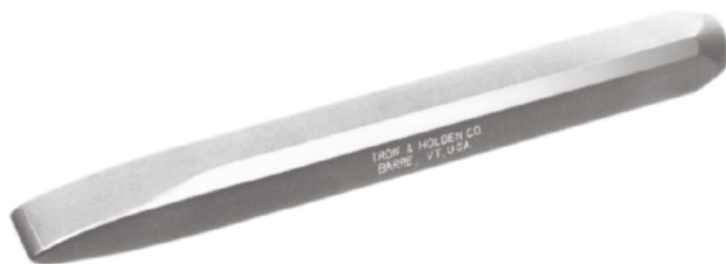
For roughing out and knocking off high spots.



DS Item #	T & H #	Stock
26015216	CHP38	3/8"
26015214	CHP12	1/2"
26015217	CHP58	5/8"
26015215	CHP34	3/4"
26015218	CHP78	7/8"
26015213	CHP1	1"

CARBIDE HAND CHISEL

Use the Hand Chisel for general carving, shaping and roughing out.



DS Item #	T & H #	Stock
26015200	CHC38	3/8"
26015198	CHC12	1/2"
26015201	CHC58	5/8"
26015199	CHC34	3/4"
26015202	CHC78	7/8"
26015197	CHC1	1"

CARBIDE OFFSET HAND SET

Use when chipper style is desired, but more strength is needed, and when you want to avoid nicking as you trim your stone.



DS Item #	T & H #	Stock	Width of Blade
26016002	CHO34114	3/4"	1-1/4"
26015706	CHO1118	1"	1-1/8"
26015212	CHO1112	1"	1-1/2"
26015211	CHO12	1"	2"
26015210	CHO1182	1-1/8"	2"
26016003	CHO118212	1-1/8"	2-1/2"
26016004	CHO1183	1-1/8"	3"
26016005	CHO1184	1-1/8"	4"



Carbide Hand Tools

CARBIDE HAND TRACER

Use a Tracer to split stone or to score a line before trimming.



DS Item #	T & H #	Stock	Width of Blade
26015228	CHT1112	1"	1-1/2"
26015233	CHT12	1"	2"
26015229	CHT1182	1-1/8"	2"
26015230	CHT118212	1-1/8"	2-1/2"
26015231	CHT1183	1-1/8"	3"
26015232	CHT1184	1-1/8"	4"

CARBIDE MASON'S CHIPPER

The Mason's chipper offers a beveled blade for rock facing, trimming or squaring stone.



DS Item #	T & H #	Stock	Width of Blade
26016006	CHOM34114	3/4"	1-1/4"
26016007	CHOM1118	1"	1-1/8"
26015529	CHOM1112	1"	1-1/2"
26015530	CHOM12	1"	2"
26015549	CHOM1182	1-1/8"	2"
26016008	CHOM118212	1-1/8"	2-1/2"
26016009	CHOM1183	1-1/8"	3"
26016010	CHOM1184	1-1/8"	4"

CARBIDE ROCKO HAND TOOL

Based on traditional European mason's tool designs, our new Rocko Carbide Hand Tools feature a specially angled blade that allows you to hold the chisel in a more vertical position when striking. This reduces the chance of mis-striking the chisel head and offers more control when working on smaller or softer stones.



DS Item #	T & H #	Stock	Width of Blade
26012105	CRO58	5/8"	5/8"
26012107	CRO581	5/8"	1"
26012109	CRO34114	3/4"	1-1/4"
26012106	CRO78	7/8"	7/8"
26012108	CRO1	1"	1"
26012112	CRO1112	1"	1-1/2"
26012110	CRO12	1"	2"

CARBIDE HAND SET

For trimming stone to size when the surface is relatively flat. This chisel features two usable blades for rockfacing, squaring and trimming stone.



DS Item #	T & H #	Stock	Width of Blade
26015227	CHS1118	1"	1-1/8"
26015219	CHS1112	1"	1-1/2"
26015225	CHS12	1"	2"
26015220	CHS1182	1-1/8"	2"
26015222	CHS118214	1-1/8"	2-1/4"
26015221	CHS118212	1-1/8"	2-1/2"
26015223	CHS1183	1-1/8"	3"
26015224	CHS1184	1-1/8"	4"



Carbide Hand Tools

CARBIDE COMFORT GRIP HAND TOOLS

Our Comfort Grip carbide hand tools feature contoured handles which provide a secure grip for more powerful blows. Heavier carbide tips last and last, even when cutting the hardest stone.



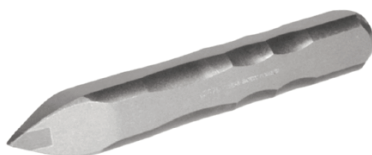
Comfort Grip Hand Point



Comfort Grip Hand Chisel



Comfort Grip Hand Tracer



Comfort Grip Heavy Point



Comfort Grip Mason's Chipper



Comfort Grip Hand set

DS Item #	T & H #	Description	Stock
26016081	CCG138	COMFORT GRIP HAND POINT	1-3/8"
26016082	CCG114C	COMFORT GRIP HAND CHISEL	1-1/4"
26016083	CHT1182HD	COMFORT GRIP HAND TRACER	1-1/8"
26016001	CHP114	COMFORT GRIP HEAVY POINT	1-1/4"
26016304	CHOM1182CG	COMFORT GRIP MASON'S CHIPPER	1-1/8"
26016060	CHS118CG	COMFORT GRIP HAND SET	1-1/8"

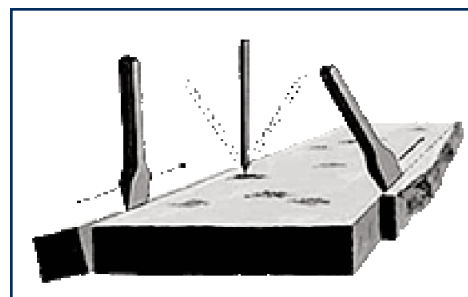
DS TECH TIP

WHICH HAND TOOL SHOULD I USE?

Selecting the right size and type hand tool will save you time and money and give better results.

The right size tool will feel comfortable in your hand and allow complete contact of blade to stone; using the right type of tool will help prevent breakage and make your work more efficient. Remember, whatever chisel you use, make sure your first hit is a light hit. This will help "set" the tool and put the blade fully in contact with the stone. Three commonly used hand tools are illustrated here:

- A *Tracer* is used to split stone. Move your tracer back and forth along the split line, striking it until the stone splits. Hold it vertically to the stone.
- Trim and square your stone by tipping your *Hand Set* slightly back onto its edge and striking along your line. When your blade becomes dull, turn and use the other edge.
- Use a *Hand Point* to remove high spots by striking at different angles around the area to be removed. For granite or other hard stone, hold the hand point vertically for the first strike. This tool is also perfect for roughing out. Remember to trim the striking head and sharpen the blade regularly for safe and efficient use.



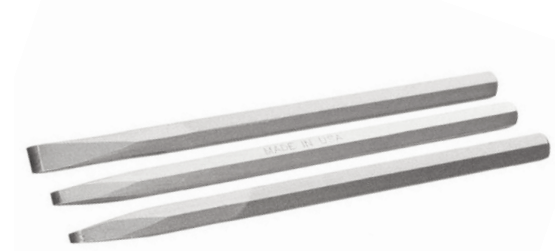


Carbide Hand Tools

HAND CARVING & LETTERING CHISELS

7" long

DS Item #	T & H #	Stock	Width of blade
26016240	CHC38-18X	3/8"	1/8"
26016241	CHC38-316X	3/8"	3/16"
26016243	CHC38-38X	3/8"	3/8"
26016245	CHC12-14X	1/2"	1/4"
26016246	CHC12-38X	1/2"	3/8"
26016247	CHC12-12X	1/2"	1/2"



CARBIDE SOFT STONE MALLET HEAD CHISELS

1/2" STOCK STRAIGHT BLADE

DS Item #	T & H #	Width
26015662	CMC34	3/4"
26015663	CMC1	1"
26015664	CMC114	1-1/4"
26015665	CMC112	1-1/2"
26015666	CMC2	2"
26015667	CMC212	2-1/2"
26015668	CMC3	3"

Straight Blade



Note: Toothed blades not recommended on 1/2" stock tool.

5/8" STOCK STRAIGHT BLADE

Please contact us for available tooth mallet head chisels.

DS Item #	T & H #	Width
26015302	CF58121H	1"
26016073	CF5812114H	1-1/4"
26015303	CF5812112H	1-1/2"
26015692	CF58122H	2"



Toothed Chisel

DETAIL CARVING CHISELS

Our smallest carbide hand chisels feature a turned relief behind the blade making it easier to get into tight spaces for fine detail carving. Chisels are 7" long.

Available with straight or rondelblade.

DS Item #	T & H #	Stock	Width of blade
26016205	CHC18	5/16"	1/8"
26016206	CHC316	5/16"	3/16"
26016207	CHC14	5/16"	1/4"



DS TECH TIP

CARBIDE TOOLS

Good maintenance of your carbide chisels lets you cut faster and more accurately. However, improper grinding can damage the carbide and cause tool failure.



Steel Hand Tools

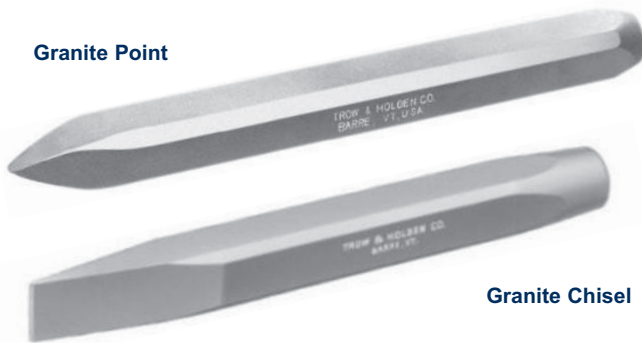
STEEL FLARED CHISEL



DS Item #	T & H #	Stock	Width of Blade
26016084	AHC38-12	3/8"	1/2"
26016085	AHC38-58	3/8"	5/8"
26016086	AHC38-34	3/8"	3/4"
26016087	AHC12-58	1/2"	5/8"
26016088	AHC12-34	1/2"	3/4"
26016089	AHC12-1	1/2"	1"

STEEL GRANITE POINT & CHISEL

Granite Point



Granite Chisel

GRANITE HAND POINT

DS Item #	Point	Stock
26015390	AHPG38	3/8"
26015388	AHPG12	1/2"
26015391	AHPG58	5/8"
26015389	AHPG34	3/4"
26015392	AHPG78	7/8"
26015387	AHPG1	1"

GRANITE CHISEL

DS Item #	Chisel	Stock
26016094	AHCG38	3/8"
26016095	AHCG12	1/2"
26016096	AHCG58	5/8"
26016097	AHCG34	3/4"
26016098	AHCG78	7/8"
26016099	AHCG1	1"

STEEL MARBLE HAND POINT & CHISEL

Marble Hand Point



Marble Hand Chisel

MARBLE HAND POINT

DS Item #	Point	Stock
26016090	AHP38	3/8"
26016091	AHP12	1/2"
26016092	AHP58	5/8"
26016093	AHP34	3/4"

MARBLE HAND CHISEL

DS Item #	Chisel	Stock
26015373	AHC38	3/8"
26015371	AHC12	1/2"
26015374	AHC58	5/8"
26015372	AHC34	3/4"
26015370	AHC1	1"



Steel Hand Tools

SOFT STONE MALLET HEAD CHISELS

DS Item #	T & H #	Stock	Width of Blade
26015669	AMC34	1/2"	3/4"
26015670	AMC1	1/2"	1"
26015671	AMC114	1/2"	1-1/4"
26015672	AMC112	1/2"	1-1/2"
26015673	AMC2	1/2"	2"
26015674	AMC212	1/2"	2-1/2"
26015675	AMC3	1/2"	3"



DS Item #	T & H #	Stock	Width of Blade
26016076	AF58121H	5/8"	1"
26016077	AF5812114H	5/8"	1-1/4"
26016078	AF5812112H	5/8"	1-1/2"
26016079	AF58122H	5/8"	2"

STEEL HANDSET

DS Item #	T & H #	Stock	Width of Blade
26015397	AHS1234	1/2"	3/4"
26015396	AHS121	1/2"	1"
26015679	AHS1112	1"	1-1/2"
26015395	AHS12	1"	2"
26015393	AHS1182	1-1/8"	2"
26015394	AHS118212	1-1/8"	2-1/2"
26015398	AHS1183	1-1/8"	3"



Handset

STEEL OFFSET HANDSET

DS Item #	OFFSET	Stock	Width of Blade
26015382	AHO1112	1"	1-1/2"
26016100	AHO12	1"	2"
26015383	AHO1182	1-1/8"	2"
26015384	AHO118212	1-1/8"	2-1/2"
26015385	AHO1183	1-1/8"	3"



Offset Handset

STEEL HAND CHIPPER

DS Item #	T & H #	Stock	Width of Blade
26015380	AHCH121	1/2"	1"
26015376	AHCH1112	1"	1-1/2"
26015377	AHCH12	1"	2"
26015698	AHCH118212	1-1/8"	2-1/2"
26015378	AHCH1183	1-1/8"	3"
26015379	ACH1184	1-1/8"	4"



Hand Chipper

STEEL HAND TRACER

DS Item #	TRACER	Stock	Width of Blade
26016101	AHT1112	1"	1-1/2"
26015401	AHT12	1"	2"
26015399	AHT1182	1-1/8"	2"
26015400	AHT118212	1-1/8"	2-1/2"
26016102	AHT1183	1-1/8"	3"
26016103	AHT1184	1-1/8"	4"



Hand Tracer



Hand Tools Accessories

CHISEL WIZARD

Finally a better way to hold onto a chisel! Get your hand out of harm's way and eliminate shock & vibration with this simple but effective device. The Chisel Wizard's rubber loops firmly grip the tool handle but still allow you to adjust the blade angle any way you choose. Install the Chisel Wizard on your Trow & Holden chisel, grab your favorite hammer and swing away with new found comfort and safety. Sizes are available to fit all of our hand tools.



Hand Tracer not included

DS Item #	T & H #	Chisel handle size
26015809	CW12	1/2"
26015810	CW58	5/8"
26015811	CW34	3/4"
26015828	CW78	7/8"
26015829	CW1	1"
26015830	CW118	1-1/8"

HAND SHIELD

Everyone suffers from a mis-strike occasionally. Protect your hand with our polyurethane Hand Shield. Simply slide both discs onto your Trow & Holden 1" or 1-1/8" hand tool. The smaller disc goes on first to keep the Hand Shield from sliding down and to prevent pinching. The removable lanyard attaches to your wrist so your hand tool will not hit the ground if accidentally dropped.



DS Item #	T & H #	Hand Shield size
26016176	HS1	1"
26016177	HS118	1-1/8"



Tools for Thin Stone

2" SLATE SPLITTER

Use to cleave slate into thinner layers along its natural seams.



DS Item #	T & H #	Overall length
26016174	SLCR	8-3/4"

2" SLATE WEDGE

This heavy-duty style has a thicker blade and is perfectly tapered for roughing out large pieces of slate.



DS Item #	T & H #	Overall length
26016175	SLW	10"

1/8" T-SCRIBE

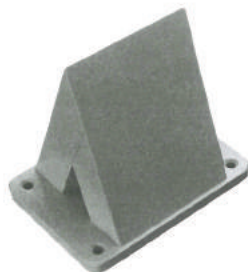
Description : Use for etching lines in slate before breaking or splitting. T-shaped handle offers a secure grip and the carbide tip lasts and lasts.



DS Item #	T & H #	Length
Call us	CT-SCRIBE	4-1/2"

THIN STONE VENEER HARDIE

Hand-trim thin stone veneer with speed and control. The Hardie provides a solid but portable base for trimming fragile thin stone – even prefab corners!



DS Item #	T & H #	Weight
Call us	HTSV-HARDIE	12 lbs



Hammers

Note : Hammers are sold without handles unless otherwise indicated. Handles are available in wood or fiberglass.

CUTTER'S HAND HAMMER

For striking hand tools or wedges and shims. Hammer is hardened for a more powerful blow and better wear. Handle sold separately.



NEW!
NEW!
NEW!

DS Item #	T & H #	Weight	Handle option*
26012292	HCH1	1 lb.	10" wood
26012294	HCH114	1-1/4 lb	10" wood
26012293	HCH112	1-1/2 lb	10" wood
26012295	HCH134	1-3/4 lb	13" wood
26012296	HCH2	2 lb	13" wood
26012298	HCH214	2-1/4 lb	13" wood
26012297	HCH212	2-1/2 lb	13" wood
26012299	HCH234	2-3/4 lb	13" wood
26012300	HCH3	3 lb	13" wood
26012302	HCH314	3-1/4 lb	13" wood
26012301	HCH312	3-1/2 lb	13" wood
26012303	HCH334	3-3/4 lb	13" wood
26012304	HCH4	4 lb	13" wood
26012314	HCH2OE	2 lb	16" wood
26012315	HCH3OE	3 lb	16" wood
26012316	HCH4OE	4 lb	16" wood

* 13" fiberglass handles available for all Hand Hammers.

SOLID TOOTH BUSH HAMMER

For shaping, texturing, or smoothing stone. To shape or remove stone, use more impact. Lighter impact will smooth the stone, leaving a stippled finish. Handle sold separately.



DS Item #	T & H #	Lenght	Weight	Handle option*
26012392	HBH1	5"	1-1/2 lbs.	10" wood
26012280	HBH112SQ	6"	3-1/2 lbs.	16" wood
26012281	HBH134SQ	6-1/2"	5-1/2 lbs.	16" wood
26012282	HBH2SQ	7"	7-1/2 lbs.	16" wood
CARBIDE TIP				
26016105	HBH1CT	5"	1-1/2 lbs.	10" wood

* 13" fiberglass handles available for all Hand Hammers. Steel hammers have 25 teeth one end, 36 teeth other end. Carbide hammer has 16 teeth one end, 36 teeth other end.

BELL HAMMER

The Bell Hammer provides an alternative to the Cutter's Hand Hammer. Like out other round hammers, it does not need to be squared up to the chisel, but will make full contact wherever it hits. Includes a 14" or 7" round wood handle.



DS Item #	T & H #	Weight
26012345	HBB2	2 lbs
26012346	HBB3	3 lbs
26012347	HBB4	4 lbs



Hammers

BULL SET

A Bull Set is designed for roughing out or shaping large blocks of flat stone. Using the Bull Set is a 2-person operation - one person holds the hammer angled on its edge, set in place along the edge of the area of stone to be removed, angling the blade slightly toward the outside of the stone. The other person then hits it with the striking hammer. With use, the breaking edge of the hammer will wear down; the hammer can then be turned around on it's handle and the other side used. NOTE: This hammer is not meant to be swung.

Carbide lasts longer and requires less maintenance than steel; however, it is more vulnerable to breaking if placed on an uneven surface, so be sure to use the Carbide Bull Set on a sawed or polished block only.

DS Item #	T & H #	Weight	Handle option
26012290	HBS8	8 lb	32" wood or fiberglass
26012283	HBS10	10 lb	32" wood or fiberglass
26012285	HBS12	12 lb	32" wood or fiberglass
CARBIDE TIP			
26012291	HBS8CT	8 lb	32" wood or fiberglass
26012284	HBS10CT	10 lb	32" wood or fiberglass
26012286	HBS12CT	12 lb	32" wood or fiberglass



SLAB SPLITTER

Use the same way as a Bull Set, but use it to split down the middle of a stone rather than along the edge. **This hammer is not meant to be swung.** Also available in carbide. Handles sold separately.

DS Item #	T & H #	Weight	Handle option
26016107	HSS8	8 lb	32" wood or fiberglass
26012330	HSS10	10 lb	32" wood or fiberglass
26012332	HSS12	12 lb	32" wood or fiberglass
CARBIDE TIP			
26016108	HSS10CT	10 lb	32" wood or fiberglass
26016109	HSS12CT	12 lb	32" wood or fiberglass



STRIKING HAMMER

Heavier than a Cutter's Hand Hammer, this is used to strike other hammers or wedges and shims. Not intended to strike stone. Handles sold separately.

DS Item #	T & H #	Weight	Handle option
26012328	HSH6	6 lb	32" wood or fiberglass
26014922	HSH8	8 lb	32" wood or fiberglass
26014979	HSH10	10 lb	32" wood or fiberglass
26014980	HSH12	12 lb	32" wood or fiberglass





Hammers

STONE MASON'S OR MASH HAMMER

Made for striking stone only; should never be used to hit another hammer, nor be hit by another hammer. One end is a splitting blade for breaking stone; the other end is for trimming and can be provided with either a flat or concave face. Handles sold separately.



DS Item #	T & H #	Weight	Handle option*
26016110	HMH2	2 lb	16" wood
26012309	HMH3	3 lb	16" wood
26012310	HMH4	4 lb	16" wood
26012311	HMH6	6 lb	16" wood
26016113	HMH6 Special	6 lb	32" wood
26012312	HMH8	8 lb	32" wood
26012305	HMH10	10 lb	32" wood
26012306	HMH12	12 lb	32" wood
26012307	HMH14	14 lb	32" wood
26012308	HMH16	16 lb	32" wood
26016114	HMH18	18 lb	32" wood
CARBIDE TIP			
26016111	HMH2CT	2 lb	16" wood
26012389	HMH3CT	3 lb	16" wood
26016112	HMH4CT	4 lb	16" wood

* Fiberglass handle available for all sizes.

QUARRY BUSTER

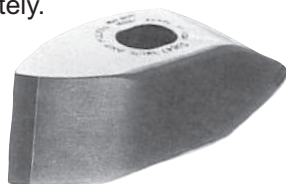
Like our smaller Stone Buster, the Quarry Buster can be swung to deliver a powerful splitting blow. The blade can also be placed on the stone and the Quarry Buster struck by another hammer, or the striking head can be used to strike another hammer or stone. Handle sold separately.



DS Item #	T & H #	Weight	Handle option
26016115	HQB10	10 lb	32" wood or fiberglass
26016116	HQB12	12 lb	32" wood or fiberglass
26016117	HQB14	14 lb	32" wood or fiberglass

CARBIDE DOUBLE BLADE MASON'S HAMMER

The new Double Blade Mason's Hammer features the same heavy duty carbide-tipped blade as our Stone Buster; but gives you both a vertical and horizontal blade in one hammer. Whatever the job, this versatile new hammer has the right blade. Handle sold separately.



DS Item #	T & H #	Weight	Handle option
26016118	HDB2CT	2 lb	16" wood
26012104	HDB4CT	4 lb	16" wood

THE STINGER

Our newest small hammer has carbide on both ends making it suitable for shaping on any type of stone. It features a point on one end and a chisel blade on the other for quick and easy pointing, chiseling and spitting. It weighs 2 pounds and is available with either a vertical or horizontal chisel end.

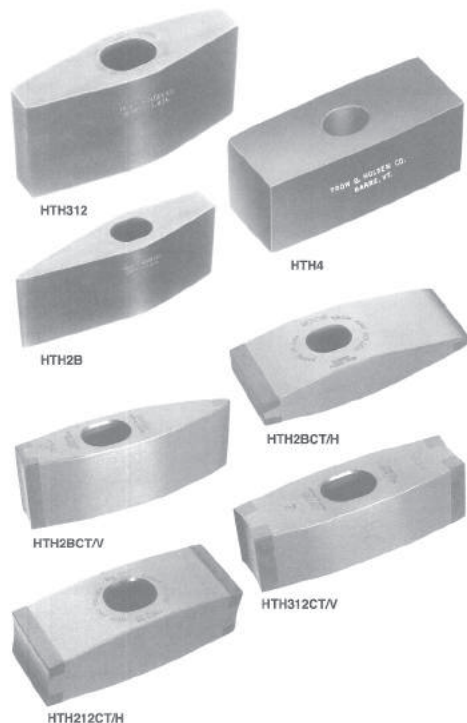


DS Item #	T & H #	Weight	Handle option
26016191	STINGER 2/V	2 lb/vertical blade	16" wood or 13" fiberglass
26016192	STINGER 2/H	2 lb/horizontal blade	16" wood or 13" fiberglass



Hammers

TRIMMING HAMMERS & CARBIDE TRIMMING HAMMERS



TRIMMING HAMMERS

DS Item #	T & H #	Specification	Weight	Handle option*
26015699	HTH312	w/two Concave Faces	3-1/2 lbs	16" wood
26016013	HTH412	w/two Concave Faces	4-1/2 lbs	16" wood
26015709	HTH312B	w/ Blade & Concave Face	3-1/2 lbs	16" wood
26016015	HTH2B	w/ Blade & Concave Face	2 lbs	16" wood
26016016	HTH4	w/two Concave Faces	4 lbs	16" wood
26016017	HTH5	w/two Concave Faces	5 lbs	16" wood
26016018	HTH6	w/two Concave Faces	6 lbs	16" wood

* 13" fiberglass handle also available.

CARBIDE TRIMMING HAMMERS

DS Item #	T & H #	Specification	Weight	Handle option*
26015685	HTH2BCT/V	w/ Carbide Blade & Concave Carbide Head	2 lbs	16" wood
Call us	HTH2BCT/H	w/ Horiz. Concave Face & Carbide Blade	2 lbs	16" wood
26015754	HTH212CT/V	w/two Concave Carbide Faces	2-1/2 lbs	16" wood
26015750	HTH312CT/V	w/two Concave Carbide Faces	3-1/2 lbs	16" wood
Call us	HTH212CT/H	w/two Horizontal Concave Faces	2-1/2 lbs	16" wood
Call us	HTH312CT/H	w/two Horizontal Concave Faces	3-1/2 lbs	16" wood

* 13" fiberglass handle also available.

CARBIDE STONE BUSTER

The carbide-tipped Stone Buster hammers can be used three different ways to handle a wide of variety of stone cutting jobs: Swing the Stone Buster, using the well-balanced and heat-treated striking head to hit your hands tools and chisels. Swing the Stone Buster, using the rugged carbide-tipped blade, to trim, shape or split the hardest stones. Hold the Stone Buster on the stone, using the heavy wooden handle, and strike it with another hammer to deliver a powerful splitting force exactly where you want it. The handle also helps keep hand out of harm's way.



DS Item #	T & H #	Weight	Handle option
26012099	HSB2CT/V	2 lb/vertical blade	16" wood
26012098	HSB2CT/H	2 lb/horizontal blade	16" wood
26012103	HSB4CT/V	4 lb/vertical blade	16" wood
26012102	HSB4CT/H	4 lb/horizontal blade	16" wood

CARBIDE HAMMER SET

The carbide-tipped Hammer Set allows you to deliver a powerful yet accurate blow to make your edge work and pitching jobs go even faster. Just position the blade, then strike the heat-treated head with another hammer. Like our Stone Buster, the hammer head is also perfect for striking other hand tools. Available with vertical or horizontal carbide-tipped blades.



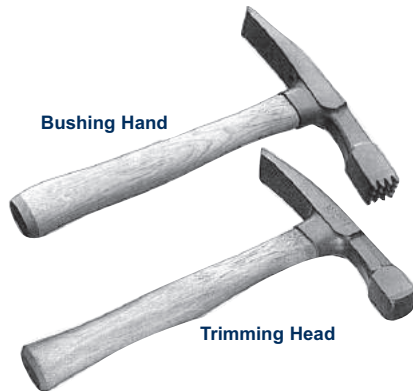
DS Item #	T & H #	Weight	Handle option
26012097	HHS2CT/H	2 lb horizontal blade	16" wood
26012101	HHS4CT/V	4 lb/vertical blade	16" wood
26012100	HHS4CT/H	4 lb/horizontal blade	16" wood



Hammers

ROCK PICK

For years we have been installing carbide tips onto our customers' brick mason hammers. We are now proud to offer two sizes of Vaughn® hammers with a carbide tipped blade. Additional carbide bushing head or trimming head available in both sizes. Wood handle included.



NEW

DS Item #	T & H #	Specification	Weight	Width of Blade
26016120	HRP16B	Carbide Blade & Steel Trimming Head	1 lb	1"
26016121	HRP16BH	Carbide Blade & 9-Point Bushing Head	1 lb	1"
26016196	HRP16BTH	Carbide Blade & Trimming Head	1 lb	1"
26016122	HRP24B	Carbide Blade & Steel Trimming Head	1-1/2 lb	1-1/4"
26016123	HRP24BH	Carbide Blade & 16-Pt Bushing Head	1-1/2 lb	1-1/4"
26016190	HRP24BTH	Carbide Blade & Trimming Head	1-1/2 lb	1-1/4"

CARBIDE HAMMER POINT

The new carbide-tipped Hammer Point is the fast, easy way to rough out a block. It's also perfect for removing a difficult knot or high spot. You can swing the Hammer Point like a regular hammer or use the sturdy fiberglass handle to hold in position while you strike it with another hammer. Keeping your hand away from the action allows you to deliver a powerful blow without fear of a mis-strike. 13" fiberglass handle included.



DS Item #	T & H #	Weight
26016127	HHP2CT	2 lbs
26016128	HHP4CT	4 lbs

CARBIDE MILL PICK

Traditionally used for dressing mill stones, the Carbide Mill Pick is also handy for chiseling lines in stone or trimming edges. Includes wood handle. 16" wood or fiberglass handle included.



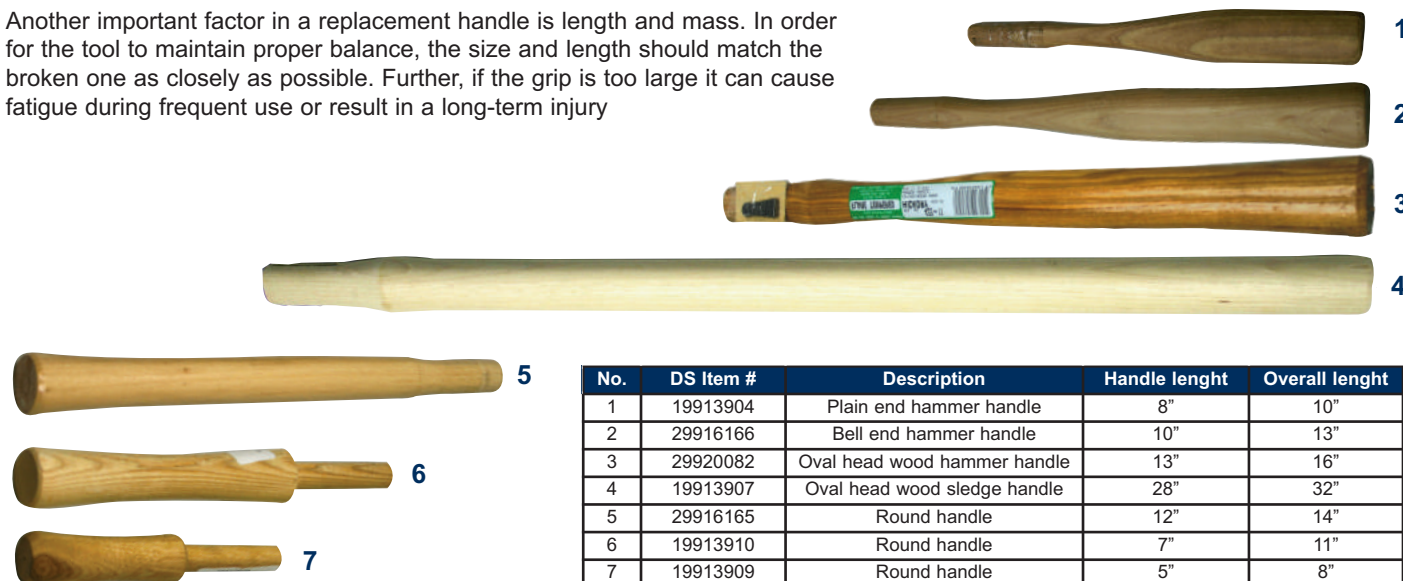
DS Item #	T & H #	Weight
26012396	HMP2CT	2 lbs



Handles

WOOD HANDLES

Another important factor in a replacement handle is length and mass. In order for the tool to maintain proper balance, the size and length should match the broken one as closely as possible. Further, if the grip is too large it can cause fatigue during frequent use or result in a long-term injury



No.	DS Item #	Description	Handle lenght	Overall lenght
1	19913904	Plain end hammer handle	8"	10"
2	29916166	Bell end hammer handle	10"	13"
3	29920082	Oval head wood hammer handle	13"	16"
4	19913907	Oval head wood sledge handle	28"	32"
5	29916165	Round handle	12"	14"
6	19913910	Round handle	7"	11"
7	19913909	Round handle	5"	8"

FIBERGLASS HANDLES



DS Item #	Description	Overall lenght	Glass size
19913906	Circular Stripe / epoxy incl.	10"	0.842 x 0.539
19913898	Regular Grip / epoxy incl.	12"	0.520 x 0.359
19913899	Regular Grip / epoxy incl.	13"	0.735 x 0.453
19913900	Special Grip / epoxy incl.	13"	0.735 x 0.453
19913905	Regular Grip / epoxy incl.	13"	0.641 x 0.424
19913901	Circular Stripe / epoxy incl.	32"	1.124 x 0.772

Other fiberglass handles available. Contact us!

INQUIRE ABOUT OUR HANDLE INSTALLATION SERVICE WHEN YOU ORDER A HAMMER AND HANDLE.





Tool Sets

HARD STONE HAND CARVING SET

This set features carbide-tipped chisels, which will keep their edge and last many times longer than steel tools. Choose the 1-1/8" stock for heavier work with larger hammers (over 2-1/2 lbs.). Use them for hand carving in granite, hard marble, or anytime you're looking for improved performance in your stone carving tools.

Set includes the following carbide-tipped tools

- 1) Your choice of 1-1/2 lb. Square Hammer (10" handle)
OR 1-1/2 lb. Round Hammer (6" handle)
- 2) 1/2" Hand Point
- 3) Tool Pouch for easy storage
- 4) 1-1/4" Mallet Head Chisel
- 5) 3/4" Mallet Head Chisel
- 6) 1/2" Hand Chisel W/Teeth
- 7) 3/8" Hand Chisel



DS Item #

26016080

CARBIDE MASONRY SET

Our Carbide Masonry Set includes three of our most versatile stone working tools.

The carbide-tipped Stone Buster gives you a splitting tool and a striking hammer in one tool. Comes with a 16" wood handle or substitute a fiberglass handle for an additional \$20.00.

- The 2" carbide-tipped blade Mason's Chipper is perfect for light trimming or squaring stone. The steeply angled blade and beveled carbide tip make it easier to see your work.
- The 1" stock carbide-tipped Hand Point will be the workhorse of your tool set. Use it to rough out and remove high spots, which will help extend the life of your wider-blade carbide tools.



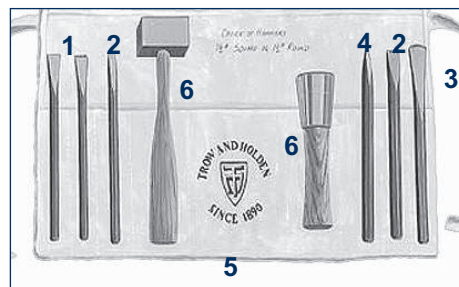
DS Item #

26015450

SOFT STONE HAND STEEL CARVING SET

If your medium is marble or softer stone, this set offers a variety of chisel sizes and style to meet your needs. **Set includes:**

- 1) 2 Flat Chisels 3/8" and 3/4" blade, both with 3/8" stock
- 2) 2 Tooth Chisels 3/8" stock with 3/4" blade and 5 pointed teeth;
1/2" stock with 5/8" blade and 4 square teeth
- 3) 1 Rondel Chisel 1/2" stock with 3/4" rondel blade
- 4) 1 Point Chisel 1/2" stock
- 5) Tool Pouch for easy storage
- 6) Your choice of 1-1/2 lb. Square Hammer (10" handle)
OR 1-1/2 lb. Round Hammer (6" handle)



DS Item #

26015448



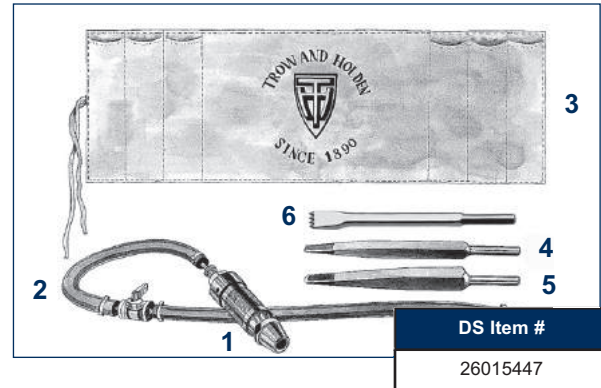
Tool Sets

AIR-POWERED CARVING SET

Used for general caving in marble and granite.

The set includes:

- 1) Short stroke carving tool with 1/2", 3/4" and 1" size piston
- 2) 10' air hose with all connecting hardware installed
- 3) Tool Pouch for easy storage
- 4) Solid carbide chisel - 1/2" wide straight blade
- 5) Solid carbide chisel - 5/8" wide rondel blade
- 6) Solid carbide chisel - 3/4" wide tooth chisel

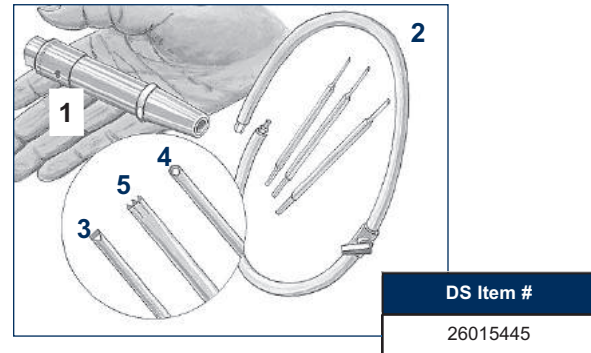


BANTAM PNEUMATIC STONE CARVING SET

Designed for fine detail carving.

The set includes:

- 1) Bantam pneumatic carving tool
- 2) 10 ft. hose assembly with all hardware installed
- 3) 1/8" flat carbide chisel
- 4) 3/16" rondel carbide chisel
- 5) 1/2" tooth carbide chisel

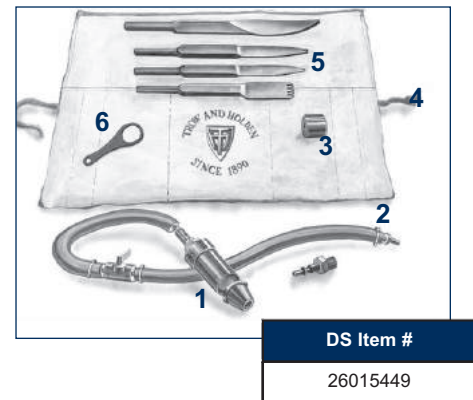


PNEUMATIC MORTAR REMOVAL SET

Our Pneumatic Mortar Removal Set is powerful enough to cut through the hardest mortars yet can be throttled down for fine detail work.

The set features:

- 1) 1 Type B short stroke carving tool
- 2) 10' air hose assembly with hardware
- 3) Striking cap and joint clean-out nozzle
- 4) Tool pouch for easy storage
- 5) 4 Mortar removal chisels - 1/8" and 1/4" carbide cape chisels, 4 tooth carbide ripper, 1/4" steel swept cape chisel
- 6) 1 chisel retainer



THIN STONE VANNER SET

Achieve a more refined hand-cut finish when trimming thin stone veneer with this set -- all while reducing the reliance on dusty and dangerous saws and grinders.

The set includes:

- 1) 12 lb. Thin Stone Veneer Hardie with 4" hardened steel stonecutting blade, coated in Safety Orange for increased job site visibility
- 2) 2 lb. Thin Stone Veneer Trimming Hammer with 1-1/4" Carbide-tipped trimming blade and beveled striking face
- 3) 3/4" Stock x 1-1/4" Carbide-tipped blade Mason's Chipper for cleaning up edges and making final trimming cuts.



NEW

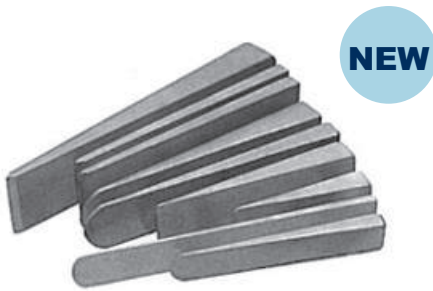
DS Item #
Call us



Splitting Equipment

HAND SPLITTING WEDGES

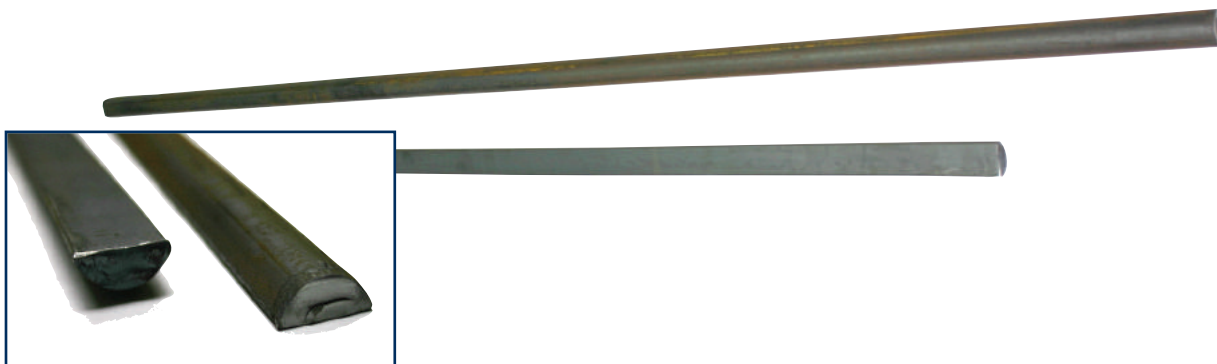
Split stone without drilling by driving these wedges into natural cracks and seams. They are most suitable for splitting softer stone or stone that has a seam in it. Especially heat-treated, the heads are hardened for impact resistance while the blades are hardened for wear. Many standard sizes are available; other sizes quoted upon request.



DS Item #	T & H #	H (Thickness @ head)	Width	Lenght	Blade Thickness
26016161	HW1	0.25"	1.25"	8.00"	1/32"
26016162	HW2	0.50"	2.00"	8.00"	1/8"
26016163	HW3	0.50"	2.00"	8.00"	3/16"
26016164	HW4	0.50"	2.00"	8.00"	1/4"
26016165	HW5	0.50"	1.00"	6.00"	1/32"
26016166	HW6	0.75"	1.25"	4.00"	1/16"
26016167	HW7	0.75"	1.50"	8.00"	1/32"
26016168	HW8	1.00"	1.50"	8.00"	1/32"
26016169	HW9	1.00"	2.00"	9.00"	1/32"
26016170	HW10	1.25"	2.00"	10.00"	1/8"

SHIM BARS

Five foot long piece of half round to be used with wedges and can be cut to desired length.





Splitting Equipment

WEDGES & SHIMS

Sold as sets (wedges + 2 shims) in various sizes. Used to split stone and provide split face finish.



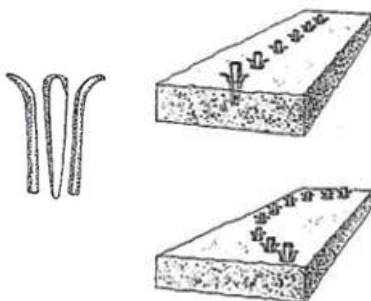
DS Item #	Description	Min. Hole Depth Required
26014984	1/2" Hole - Wedge & Shims Set	2-3/4"
26014991	3/8" Hole - Wedge & Shims Set	2-1/2"
26014994	5/8" Hole - Wedge & Shims Set	3"
26014988	3/4" Hole - Wedge & Shims Set	4"
26014997	7/8" Hole - Wedge & Shims Set	5"
26014985	1" & 1-1/4" Hole - Wedge & Shims Set	8"

DS TECH TIP

WEDGES & SHIMS (PLUG AND FEATHERS)

Most stone will split cleanly if the proper breaking technique is used. Wedges and shims have been used for eons in the stone industry, and are still among the most effective tools for splitting stone. Here's how to use them:

- Drill holes along your split line at least as deep as your wedges are long and no more than 6" apart. For more difficult splits, drill holes deeper and closer together. The tools should fit snugly in the hole. Your split line may be straight or curved.
- Insert wedges and shims into holes as illustrated. Make sure the "ears" face the direction you want your stone to split.
- Strike the wedges in sequence, firmly but without forcing. Wait a few minutes. Repeat until stone splits (clear the way!).



Hole Size	Minimum Hole Depth required
3/8"	2-1/2"
1/2"	2-1/2"
5/8"	3"
3/4"	4"
7/8"	5"
1"-1-1/8"	6"
1-1/4"-1-3/8"	8"
1-1/2"-1-1/2"	AVAILABLE IN 5 HOLE DEPTHS: 12" 18" 24" 36" 48"
2"+	12"

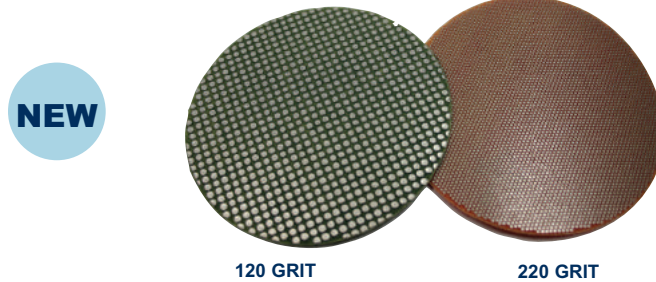
Available with round shanks for use with drills or breakers. Please specify shank size required.



Hand Tool Maintenance

GENESIS PADS

Genesis diamond pads are a new innovation to sharpen carbide tools that offers the advantage of sharpening tools on the job site. In addition, they do not overheat. We recommend using on a variable speed drill or grinder under 1,000 rpm. Must use 120 and 220 grit.



PADS

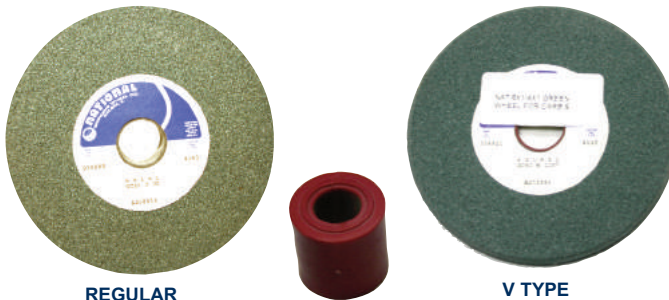
DS Item #	Grit	Color
31012598	120	Black
31012599	220	Red

ACCESSORIES FOR GENESIS PAD USE

DS Item #	Description
34012943	Drill chuck adapter for 5/8"
31020192	4" aluminium velcro back pad (for mounting in a rotary drill)

GREEN WHEELS

The traditional way to sharpen carbide tools that requires a bench grinder.



Adapter available. Please specify arbor size when ordering.

REGULAR

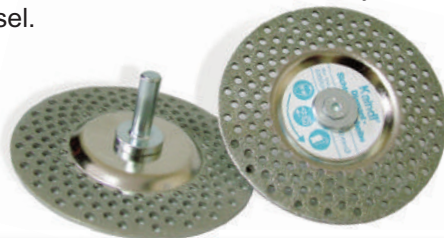
DS Item #	Size
20511860	6" x 3/4" x 1"
20511790	6" x 1" x 1"
20511795	8" x 1" x 1"
20513944	12" x 2" x 1-1/4"

V TYPE

DS Item #	Size
20511791	6" x 1/4" x 1"
20511796	8" x 1/4" x 1"

SHARPENING DISCS

The diamond coated sharpening wheels are the newest development for sharpening carbide tipped chisels, the holes in the disc serve as a cooling function as well as allowing the user to see through the spinning disc while sharpening chisels. The coarse is best used on very dull chisels, while the fine grit is excellent at maintaining the carbide in a new chisel.



DS Item #	Description
31012590	Course
31012591	Fine

CARING FOR YOUR TROW & HOLDEN TOOLS

Carbide is a composite material, and while it is harder and will retain its shape much longer than steel, it is also more brittle and must be treated different from steel. Call us for more information.

REPAIRING YOUR TROW & HOLDEN TOOLS

Should your tool break or wear out, we would be happy to repair it for you. Call us before shipping the tool to discuss the nature of the repair, and we will advise you of the cost and estimated date of completion.



Quarrying

Plug Drills

23.2

Quarrying Supplies

23.3





Plug Drills

PNEUMATIC ROCK DRILLS

4102 HARPER

12 lb Class
D-Handle
7/8" Hex X 3-1/4" Chuck



DS Item #	Description
24014729	Harper 4102 Rock Drill 12 Lb Class

4103 HARPER

15 lb Class
D-Handle
Latch Retainer
3/4" Hex x 3 1/4" Chuck



DS Item #	Description
24014772	Harper 4103 Rock Drill 15 lb Class

BBD12D ATLAS COPCO

12 lb Class
D-Handle
Latch Retainer
3/4" Hex x 4-1/4" Shank
Shown with silencer option
Model BBD12DC
Comes with Cap Retainer



DS Item #	Description
24014776	Atlas Copco BBD12 Rock Drill 12 lb Class

SECTION 23. QUARRYING

DS TECH TIP

PNEUMATIC ROCK DRILL REFERENCE CHART

Drill Model	Weight	Lenght	Air Required	BPM	Retainer	Hex & Chuck
4102	12 Lbs	14-1/2"	28 CFM	3200	Chuck	7/8" x 3-1/4"
4103	19 Lbs	18-3/8"	33.3 CFM	2550	Latch	7/8" x 3-1/4"
4105	7.5 Lbs	14-1/2"	24.7 CFM	2600	Chuck	.573 hex (U7)
BBD12D	23 Lbs	22-7/32"	47 CFM	2580	Latch	3/4" x 4-1/4"
BBD12DC	23 Lbs	22-1/32"	47 CFM	2580	Cap	3/4" x 4-1/4"

Depending on the Model of your specific unit, the drill bit (chuck size) may have to be verified.
Please measure the Hex size and length.

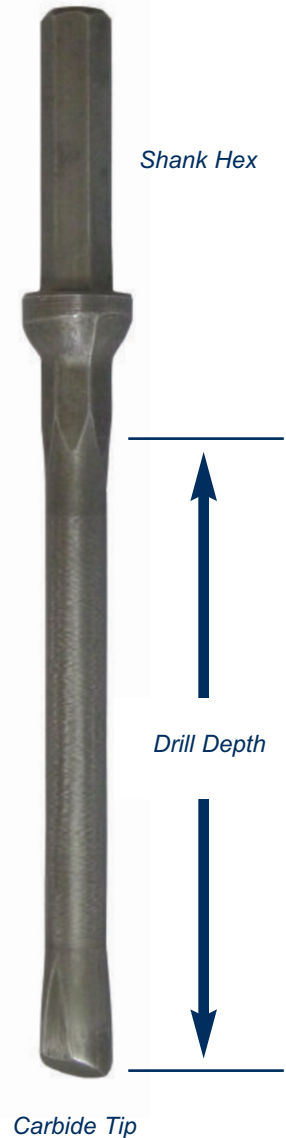


Quarrying Supplies

INTEGRAL PLUG DRILL BIT

Integral plug drill bits are available in a variety of hole sizes (CT), drill depths (DD) and shank sizes for your specific Rock Drill. Verify the shank Hex size and length to assure you receive the correct bit for your unit.

DS Item #	Description	Carbide Tip	Drill Depth	Shank Size
25115005	Plug Drill Bit	3/4" CT	6"	3/4" x 3-1/4" HEX
25115006	Plug Drill Bit	5/8" CT	5"	3/4" x 4-1/4" HEX
25115009	Plug Drill Bit	3/4" CT	12"	7/8" x 4-1/4" HEX
25115010	Plug Drill Bit	3/4" CT	7"	3/4" x 3-1/4" HEX
25115011	Plug Drill Bit	7/8" CT	14"	3/4" x 3-1/4" HEX
25115012	Plug Drill Bit	1-1/4" CT	14"	3/4" x 3-1/4" HEX
25115020	Plug Drill Bit	5/8" CT	7"	3/4" x 3-1/4" HEX
25115021	Plug Drill Bit	3/4" CT	7"	3/4" x 3-1/4" HEX
25115022	Plug Drill Bit	3/4" CT	17"	3/4" x 3-1/4" HEX
25115023	Plug Drill Bit	7/8" CT	7"	3/4" x 3-1/4" HEX
25115024	Plug Drill Bit	7/8" CT	9"	3/4" x 3-1/4" HEX
25115025	Plug Drill Bit	1" CT	12"	3/4" x 3-1/4" HEX
25115030	Plug Drill Bit	1/2" CT	6"	7/8" x 3-1/4" HEX
25115031	Plug Drill Bit	5/8" CT	6"	7/8" x 3-1/4" HEX
25115032	Plug Drill Bit	3/4" CT	7"	7/8" x 3-1/4" HEX
25115033	Plug Drill Bit	7/8" CT	7"	7/8" x 3-1/4" HEX
25115034	Plug Drill Bit	1" CT	8"	7/8" x 3-1/4" HEX
25115035	Plug Drill Bit	1-1/8" CT	13"	7/8" x 3-1/4" HEX
25115036	Plug Drill Bit	1-1/4" CT	13"	7/8" x 3-1/4" HEX
25115040	Plug Drill Bit	5/8" CT	7"	3/4" x 4-1/4" HEX
25115041	Plug Drill Bit	3/4" CT	7"	3/4" x 4-1/4" HEX
25115042	Plug Drill Bit	7/8" CT	8"	3/4" x 4-1/4" HEX
25115043	Plug Drill Bit	1" CT	9"	3/4" x 4-1/4" HEX
25115044	Plug Drill Bit	3/4" CT	16"	3/4" x 4-1/4" HEX
25115050	Plug Drill Bit	3/4" CT	7"	7/8" x 4-1/4" HEX
25115051	Plug Drill Bit	3/4" CT	17"	7/8" x 4-1/4" HEX
25115052	Plug Drill Bit	7/8" CT	7"	7/8" x 4-1/4" HEX
25115053	Plug Drill Bit	7/8" CT	11"	7/8" x 4-1/4" HEX
25115054	Plug Drill Bit	7/8" CT	17"	7/8" x 4-1/4" HEX
25115055	Plug Drill Bit	1" CT	13"	7/8" x 4-1/4" HEX



To sharpen your Carbide Bits, Silicone Carbide Green Grinding Wheels or Specific Diamond pads are recommended. **See Hand Tool Maintenance in section 22 Hand Carving & Cutting Tools.**



For Wedge & Shims, **See Splitting Equipment in section 22 Hand Carving & Cutting Tools.**



Quarrying Supplies

U7 STYLE DRILL BITS



DS Item #	Description
25115000	1/2" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015095	1/2" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015108	9/16" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015109	9/16" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015104	5/8" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015105	5/8" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015102	3/4" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015103	3/4" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015106	7/8" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015107	7/8" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015100	1" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015101	1" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015098	1-1/8" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015099	1-1/8" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX
26015096	1-1/4" CT 8" DD x 13" Overall U7 shank 9/16" 1-3/4 HEX
26015097	1-1/4" CT 12" DD x 16" Overall U7 shank 9/16" 1-3/4 HEX

CLECO DRILL STYLE BITS



DS Item #	Description
26015313	1/4" CT x 4-1/2" DD cleco hollow drill (solid)
26015325	5/16" CT x 4-1/2" DD cleco hollow drill
26015321	3/8" CT x 4-1/2" DD cleco hollow drill
26015308	1/2" CT x 2-1/4" DD cleco hollow drill
26015309	1/2" CT x 4-1/2" DD cleco hollow drill
26015310	1/2" CT x 6-1/2" DD cleco hollow drill
26015311	1/2" CT x 8-1/2" DD cleco hollow drill
26015326	5/8" CT x 3-1/2" DD cleco hollow drill
26015327	5/8" CT x 4-1/2" DD cleco hollow drill
26015328	5/8" CT x 6-1/2" DD cleco hollow drill
26015329	5/8" CT x 8-1/2" DD cleco hollow drill
26015317	3/4" CT x 4" DD cleco hollow drill
26015316	3/4" CT x 4-1/2" DD cleco hollow drill
26015318	3/4" CT x 6-1/2" DD cleco hollow drill
26015319	3/4" CT x 8" DD cleco hollow drill
26015330	7/8" CT x 4-1/2" DD cleco hollow drill
26015315	1" CT x 4-1/2" DD cleco hollow drill
26015314	1-1/4" CT x 4-1/2" DD cleco hollow drill

TAPERED DRILL STEEL

Tapered Drill Steel is used for deeper holes, and is not practical for all hand held drills. They are available in different lengths to allow drilling in stages exchanging the same bit to each drilling stage.

12° Taper (bit end)
7/8" x 4-1/4" Hex Shank

The most popular bits are the Cross Bit and Button Bit type, the 12° taper match that of the drill steel.



BITS

DS Item #	Description
25114887	1-1/4" Cross Bit (12° taper)
25114884	1-1/2" Cross Bit (12° taper)
25114881	1-1/4" Button Bit (12° taper), long skirt
25114951	1-1/4" Button Bit (12° taper) gold

RODS

DS Item #	Description
25114931	2 ft. Drill Depth
25114932	4 ft. Drill Depth
25114913	6 ft. Drill Depth
25114914	8 ft. Drill Depth
25114907	10 ft. Drill Depth
25114908	12 ft. Drill Depth
25114910	14 ft. Drill Depth
25114911	16 ft. Drill Depth
25114912	18 ft. Drill Depth



Concrete Mixers

Hand Held 24.2

Barrel Type 24.3

Vertical Shaft Mixers 24.4

Horizontal Shaft Mixers 24.5

Pumps and Sprayers 24.6





Hand Held

FLEX MXE 900

900 Watt Single Speed Mixer

Large, rugged single-speed gear unit with optimum gear ratio for high torque. Soft start accelerator switch smoothly adjusts the speed to the mixing situation and material. Perfect for mixing low-quantity mixtures. Mixing paddle for pasty to tough materials including tile adhesive, grout, filler compound, adhesive, finished plaster and adhesive mortar. Ideal for tilers and painters.

Standard equipment:

- 1 WR2 Helix Paddle 120 x 600 M14
- 1 Open Ended Wrench SW19

Specifications:

- Speed without load : 200/750 RPM
- Power Input : 900 Watt
- Power Output : 520 Watt
- Tool Fixture : M14
- Clamping Neck : 4.72"
- Max. Mixing Head : 5.12"
- Weight : 11.3 lb



FLEX MXE 1102

1080 Watt Two Speed Mixer With Speed Control

Full-wave electronic control with soft start, temperature monitoring, overload protection and accelerator switch for a controlled run-up to the optimum mixing speed. Large, rugged 2-gear unit with optimum ratios for powerful torque and correct speed for different materials. Universal mixer for practically all construction materials. Second gear provides exceptional sustained power in the top and low speed range. Ideal for tile adhesive, grout, filler compound, adhesive, finished plaster, adhesive mortar.

Standard equipment:

- 1 WR2 Helix Paddle 120 x 600 M14
- 1 Open Ended Wrench SW19

Specifications:

- Speed without load - 1st gear : 150/530 RPM
- Speed without load - 2nd gear : 200/750 RPM
- Power Input : 1010 Watt
- Power Output : 600 Watt
- Tool Fixture : M14
- Clamping Neck : 1.7"
- Max. Mixing Head : 5.12"
- Weight : 11.7 lb



EZEE CLEAN

Removes: cured concrete, mortar, stucco, grout, thin set, and efflorescence from pavers and bricks. EZEE Clean attacks the cement without harming paint, metal or plastic. Use it on : Trowels, Mixers, Shovels, Wheel-barrows, Mud Tubs, Pumps, Molds, Forms, Concrete Saws, Cement trucks, Augers, Conveyors, Scaffold, Silos, Aerial Lifts, Wall and Deck Splashes or anywhere that cement needs to be removed.



DS Item #	Description
27015510	Ezee Clean 22 oz. spray



Barrel Type

PORTABLE MULTIMIXERS

The Minuteman and Wheelman continue to reign as the "Worlds finest Portable Concrete Mixers". Mix 200-275 lbs of mortar, stucco, grout or concrete in less than 4 minutes. Working on a jobsite without electrical power, no problem, the Wheelman is available with a 3 H.P. Honda engine. In just a minute, the Minuteman or Wheelman can be "knocked down" into 3 easy to load components. All this by one person, with no tools required!



Minuteman II



Wheelman II

Quick Specs	Minuteman II	Wheelman II
Drum Capacity	5 cu. ft	5 cu. ft
Batch Output	275 lb, 2.5 cu. ft.	200 lb, 2 cu. ft.
Motor Rating	1/2 HP - 110V/6AMP	1/2 HP - 110V/6AMP
Gas Engine	n/a	Honda 3 HP
Drum Diameter	24"	24"
Discharge outlet height	21"	8" 21" w/stand
Wheel Size	10"	14" pneumatic tires
Weight	120 lbs	elec. 101 lbs, gas 115 lbs
Dimension (L x H x W)	52" x 57" x 28"	30" x 20.5" x 14"

DS Item #	Description
24014617	Wheelman II
24014696	Minuteman II

TOWABLE MULTIMIXERS

The all new Workman II MultiMixers are the result of three years of testing and development. Remove the drum in seconds, empty the drum in any position automatically, and rotate the drum without any external gears, now this is progress! Full width fenders and torsion bar suspension provide a smooth cruise to and from the jobsite. The autostop dump wheel is made possible by a special bearing and seal system available from the aviation industry. When you stop rotating the dump wheel it locks in place automatically. The frame mounted spare tire is an industry first! Pick up a nail leaving a jobsite, no problem, swap tires in ten minutes or less. Direct drive gearbox to the drum, no more external drive gears! This drive system is whisper quiet and is sealed for life... no maintenance required!



Quick Specs	Workman II 250	Workman II 350
Drum Capacity	9 cu. ft.	12 cu. ft.
Batch Output	6 cu. ft.	9.5 cu. ft.
Electric Motor Rating	1.5 HP 110/220V	1.5 HP 110/220V
Gas Engine	5.5 HP Honda	5.5 HP Honda
Diesel Engine	n/a	5 HP Yanmar
Drum Diameter	27.5"	32.5"
Discharge outlet height	27.5"	26.5"
Pneumatic Wheels	20"	20"
Weight	525 lb	650 lb
Dimension (L x H x W)	72" x 55" x 36"	76.5" x 56" x 37.5"

DS Item #	Description
24014725	Workman II Honda 5.5 Gas
24014705	Workman II 350 Electric



Vertical Shaft Mixers

MINI-MIX 60

The Mini-Mix 60 is a truly versatile mixing machine. Quickly and thoroughly mix mortar, stucco, thin set, dry pack mortar, epoxy, plaster and more. Load up the Mini-Mix 60 and a 50 lb bag of material is mixed in minutes... automatically! The plastic bucket can be lifted by hand, or it can be rolled to the work area with the optional dolly.



Quick Specs	MINI-MIX 60
Drum Capacity	14 gal.
Batch Output	12 gal. / 50 lb bag
Motor Rating	3/4 h.p. 110v., 10 amp.
Paddle Speed	55 rpm
Drum Diameter	24"
Machine Weight	64 lb
Wheel Size	4"
Dimension (L x H x W)	25" X 31" X 23"

DS Item #	Description
24014717	Mini-Mix 60
24014619	Optional Dolly for Mini-Mix Tub
24014718	Set of 5 replacement tubs
24014719	Tub cover
24014523	M60 Complete Paddle

MORTARMAN 120 +

The Mortarman 120 + is perfect for the 2-3 person construction crew. Why go through all the hassles of towing a mixer to the jobsite, when the Mortarman 120 can make a wheelbarrow of mortar, stucco, grout or dry pack mortar every 3 minutes.



Quick Specs	MORTARMAN 120 +
Drum Capacity	4.5 cu. ft.
Batch Output	3 cu. ft.
Motor Rating	2 h.p. 110v., 15 amp.
Paddle Speed	38 rpm
Drum Diameter	30"
Machine Weight	286 lbs
Dimension (L x H x W)	33" X 50" X 30"

DS Item #	Description
24014691	Mortarman 120 +

MORTARMAN 360 AND MORTARMAN 750

Output has been increased to 9-18 cu. ft. of mud every three to four minutes.



750 shown

DS Item #	Description
24014695	Mortarman 360 Electric
24014692	Mortarman 750 Electric
24014514	Mortarman 360 Gas

Quick Specs	360 MBP	750 MBP
Drum Capacity	12 cu. ft.	22 cu. ft.
Batch Output	9 cu. ft. 800 lb	16-18 cu. ft., 1 600 lb
Drum Diameter	38"	52"
Discharge outlet height	30"	30"
Pneumatic Wheels	18"	22"
Weight	800 lb	1 700 lb
Electric motor rating	5 h.p. 220v	5 h.p. 220v.
Gas Engine	11 h.p. Honda	13 h.p. Honda w/elec. start
Dimension (L x H x W)	59" X 58" X 44"	90" X 62" X 63"



Horizontal Shaft Mixers

HENCHMAN 2 HSM

The Henchman 2 HSM has the most reliable and powerful paddle drive system ever designed and manufactured for a 9 cu. ft. mortar mixer. No more jack-shaft bearings, idler springs and exposed drive gears to maintain and worry about. The mixing paddles are driven by an enclosed oil bath gear box and a huge centrifugal clutch. Run the Henchman 2 hard all day... Everyday! The torsion bar suspension provides both compression and rebound dampening. Towing performance is the best in the industry, no contest. The Henchman 2 uses our autostop dumpwheel. When you stop rotating the dump wheel it locks the drum in place, automatically! The jig welded box steel frame is strong and very rigid.



Quick Specs	2 HSM
Drum Capacity	9 cu. ft.
Batch Output	7 cu. ft.
Gas Engine	8 h.p. Honda
Drum Diameter	24"
Discharge Outlet Height	28"
Pneumatic Wheels	20"
Weight	650 lb
Dimension (L x H x W)	76" X 57" X 49"

DS Item #	Description
24014704	Henchman 2 HSM

HENCHMAN 4 HSM

The Henchman 4 HSM is ready to take on the toughest high production jobs. Batch out 12 cu. ft. every 3 minutes. Hydraulic dump action allows for quick n' complete discharge with finger tip control. Hydraulic drive eliminates all kinds of maintenance - no more drive shaft problems, just run it hard, real hard. Torsion bar suspension with compression and rebound dampening provides a smooth tow at all times. Fork lift points are welded to the main frame, transport around the jobsite is quick and easy too. The jig welded box steel frame is strong and rigid, our mixers are lighter yet stronger than our competitors.



Quick Specs	4 HSM
Drum Capacity	16 cu. ft.
Batch Output	12 cu. ft.
Gas Engine	13 h.p.
Drum Diameter	33"
Discharge Outlet Height	28"
Pneumatic Wheels	22"
Weight	1 145 lb
Dimension (L x H x W)	92" X 59" X 57"

DS Item #	Description
Call us	Henchman 4 HSM



Pumps & Sprayers

MIGHTY SMALL 50

The Mighty SMALL 50 can operate continuously on 110v 20 amp service. This machine has the ability to spray or pump up to 3.5 gallons of material per minute through 85 ft. of 1" hose. The versatility of the Mighty SMALL 50 is very impressive - spray fire proofing, pump grout into door jams, fill moulds at precast plants, spray stucco onto residential homes, apply grout to finish rock walls. Easy to use, easy to clean, it's a money making machine! An onboard computer balances the spray rate with the pumping volume, this prevents clogging. Traditional mortar and proofing spray gun. Depending upon the material and the delivery height the 1" hose can flow material 85'.



Quick Specs	MIGHTY SMALL 50
Hopper Capacity	12.5 gallons
Loading Height	25"
Motar Rating	1-3/4 h.p. 110v 18amp.
Stator Screw RPM	variable rheostat control 8-140 rpm
Material Flow Rate	2 to 3.5 gallons/minute
Max. Pumping Distance	3/4" hose - 50" ft./ 1" hose - 85" ft.
Weight	150 lbs
Dimension (L x H x W)	44" X 20" X 25"

DS Item #	Description
24014626	Mighty Small 50

SECTION 24.CONCRETE MIXERS

SILENT 300

Finally a high performance screw and stator pump that does it all! The Silent 300 can mix up 6 cu. ft. of material, while the hopper supplies the pump the previous batch of material. That's right - mix and pump at the same time! If the application requires spraying, no problem, just fire up the on board compressor. And to top it all off, clean up has never been easier as the Silent 300 comes with its own pressure washing system. Mix, pump, apply, clean up, and go! Modern Technology and Old School Quality at its finest. The quietized diesel motor is a 3 cylinder, liquid cooled, industrial duty Lombardini. The control panel includes a specially built computer which balances the supply of material with the rate of application. This feature reduces clogging significantly. The hydraulic drive horizontal shaft mixer is virtually maintenance free - just keep it clean. And that's a no brainer as a pressure washer is built into the system.



Quick Specs	SILENT 300
Hopper Capacity	53 gallons
Drum Capacity	9 cu.ft.
Batch Output	6 cu. ft.
Material Flow Rate	0 to 15 gallons/minute
Screw Pump RPM	variable speed
Engine	Lombardini Diesel 3 cyl. 20 HP
Weight	1 590 lbs
Dimension (L x H x W)	132" X 53" X 54"

DS Item #	Description
Call us	Silent 300

24.6

Liability

The following is made in lieu of all warranties, expressed or implied: Derusha Supply Inc. and/or manufacturer's only obligation shall be to replace such quantity of the product proved to be defective provided that such guarantees or replacement are a stated policy of the manufacturer. Derusha Supply Inc. and/or manufacturer shall not be liable for any injury, loss or damage, direct, incidental or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, user shall take necessary precautions to ensure his own health and safety and that of any others who may be affected by his work or activities, user shall understand overall work safety procedures, and user assumes all risk and liability whatsoever in connection herewith. The foregoing may not be altered except by an agreement signed by officers of Derusha Supply Inc.

Shortages

Open and inspect cartons immediately upon receipt. Derusha Supply Inc. will not accept claims filed over 48 hours after receipt.

Stocking

The appearance of any item on any or all print or any electronic media does not guarantee the item is in stock, or available.

Return for repair or replacement

Derusha Supply Inc. is limited to manufacturer's warranty specifications. We may be in certain cases unable to issue an immediate credit or warranty repair, until approval is given by the manufacturer. However we do all possible to make sure your repair or replacement is quickly processed. Misuse or lack of maintenance is beyond our control, it may void your warranty. The client is responsible for using products the appropriate way and for planning its maintenance. Derusha Supply Inc. will do all possible to make sure you receive fair treatment.

Damages

Claims for damaged goods must be filed with the carrier immediately and Derusha Supply Inc. must be notified of claim within 48 hours. Derusha Supply Inc. is not responsible for damages by carriers. Please check cartons upon arrival.

Derusha Supply inc. does not guarantee the accuracy and completeness of the information and photos provided in this catalog and reserves the right to correct, add, change or update any information or photo without prior notice. Derusha Supply does not guarantee the availability of the products shown in this catalog. Prices may change without notice. Sources of supply and specifications are subject to change without notice. Although we had sought a high standard of accuracy in the preparation of this catalog, errors, inaccuracies and omissions are always possible. We apologize for any inconvenience this may cause.

Returns

A return authorization number must be requested from Derusha Supply Inc. before an eligible item may be returned. Derusha Supply will not accept collect shipments on returns, unless pre-authorized. A 20% restocking charge may be applied to all returns. Return of non-stock items will be subject to manufacturer's restocking fee, which may exceed 20%. Authorization for returns must be requested within 30 days of invoice date. All defective merchandise is subject to Vendor's inspection. Returned items must be unused, missing no parts and be in a resalable condition to receive full credit. Eligible items returned after the above set time period, or in non-resalable condition, including marked or damaged manufacturer original packaging, will not be credited. No returns will be accepted or credit issued on used products, unless they are proven to be defective. No returns will be authorized on chemicals or adhesives. Customers must pay shipping charges on all returns. Upon receipt and inspection of the product return, Derusha Supply will issue a refund on shipping charges if it is proven that there was a shipping error.

Special orders

Special order items or products modified to customers' specifications may not be returned. Special or urgent items requiring special freight charges, requested by the customer, may be charged.

Prices

By default, our pricing is based on our main warehouse as shipping point. Some items may be shipped from the manufacturer's warehouse direct to customer if considered more economical or faster delivery is requested by the customer. Price and availability are subject to change without notice. Derusha Supply Inc. reserves the right to correct pricing errors on any or all print or any electronic media.

Terms

Net 30 days with approved credit. A service charge of 1.5 % per month (18% per year) will be added to accounts over 30 days. Special terms or conditions must be approved prior to order processing. Any and all collection fees will be in addition to amounts owed to Derusha Supply Inc. For large equipment or machines, 30% down at order, 60% prior to shipping and 10% at installation is typical. However, these machinery terms may vary depending on manufacturer.

Credit

All orders will be shipped as prepayment or using a credit card unless credit has been approved or the order has been prepaid. Returned cheques, exceeding terms or surpassing pre-established credit line would mean automatic suspension of credit privileges until credit is re-established. If you have a payment problem, call us we are always willing to talk.

Shipping

If next day delivery is required, orders must be received by 3:00 pm Eastern Standard Time (EST). Your order will be shipped prepaid and charged, unless specified otherwise.

Abrasives.....	9.2 - 9.5	Diecutting Letters.....	11.6
Abrasive Recovery	9.26 - 9.27	Discs.....	3.4
Acid Cleaners.....	18.7	Dishwasher Anchors.....	19.8
Adhesives.....	16.2 - 16.20	Dressers.....	3.3
Air Compressors	8.2 - 8.8	Drills.....	1.17 - 1.19
Air Dryers	8.9 - 8.10	Drums	4.27 - 4.28
Air Filters	8.12 - 8.13	Duct Tapes.....	17.3
Air Pumps	21.8 - 21.10	Dumpsters	15.30
Air Receiver Tanks	8.11	Dust Collectors	7.2 - 7.8
Aprons	21.16	Dust Guards	1.11
Back Pads	4.43 - 4.45	Earmuffs.....	21.14
Blades.....	4.2 - 4.17	Edge Chiseling Machine.....	1.16
Block Saw Blades	4.15	Engineered Stone Blades.....	4.2 - 4.4
Block Saws	2.15	Enhancers.....	18.17 - 18.19
Booms.....	15.4	Epoxies	16.8 - 16.12
Boots.....	21.17	Etching	12.2 - 12.8
Breakers.....	5.30 - 5.31	Etching Services	12.7
Bridge Saw Blades	4.12 - 4.14	Etching Tools.....	12.3
Bridge Saws	2.11 - 2.14	Eye Protection	21.13
Brushes.....	18.21	Felt Buffers.....	3.7 - 3.8
Buffing Powders.....	3.5 - 3.6	Fillers.....	10.14
Burrs & Lapidary Products	4.52 - 4.54	Frame Saws.....	4.18
Bush Hammering	1.15	General Cleaners	18.2 - 18.4
Cabinets	9.31 - 9.32	Gloves	21.11 - 21.12
Carbide Hand Tools.....	22.12 - 22.15	Goggles.....	21.13
Cardboard.....	20.2	Graffiti Removers	18.9 - 18.10
Carry Clamps.....	19.6	Granite Blades.....	4.2 - 4.4
Clamps (Carrying).....	19.6	Green Wheels.....	3.3
Clamps (Lifting)	15.2 - 15.3	Grinders.....	1.3 - 1.8
Cleaners.....	18.2 - 18.7	Grooving	4.9 - 4.10
CNC.....	5.2 - 5.6	Hammers	22.25
CNC Accessories	5.39 - 5.40	Hand Pads	4.46
CNC Tool Redressing	5.27	Hand Tools	22.12 - 22.18, 22.30
CNC Tooling	5.7 - 5.27	Hats.....	21.15
Color Match Systems.....	16.2 - 16.4	Hearing Protection.....	21.14
Colors	13.5 - 13.8	Hillite	13.2 - 13.4
Concrete Mixers.....	24.2 - 24.6	Hoists.....	15.12
Connectors & Nipples	9.39 - 9.41	Holders & Sleeves.....	9.35 - 9.36
Construction Tapes	17.6	Honing	18.20
Contour Blades.....	4.8	Hoses	9.37 - 9.38
Contour Wheels.....	3.3	Household Cleaners	18.5 - 18.6
Cores	4.17	Impact Etching Machines	12.4 - 12.6
Core Bits.....	4.23 - 5.32 - 5.33	Job Site Saws	2.7 - 2.10
Countertop Installation Accessories	19.7	Laser Etching	12.8
Cranes.....	15.9 - 15.11	Laser Templator.....	19.2 - 19.3
Cup Wheels	4.24 - 4.26	Lift Tables	15.31
Curtains	9.28 - 9.30	Lifters.....	14.6
Cyano-Acrylics.....	16.14 - 16.15	Lifting Clamps.....	15.2 - 15.3
Dehydrators	6.4	Marble Blades.....	4.5
Diamond Blades Accessories	4.11	Markers.....	11.9
Diamond Services	4.20	Masking Tapes.....	17.2
Diamond Wire	4.19	Masks.....	21.2 - 21.3

Masonry Blades	4.15	Segments	4.16
Masonry Saws	2.7 - 2.10	Setting Bars	14.5
Measuring Tapes	11.2	Setting Supplies	13.2 - 13.3
Monument Carts	15.31	Setting Truck	14.7 - 14.8
Nameplates	14.4	Shadow	13.2 - 13.4
Nipples & Connectors	9.39 - 9.41	Shoes	21.17
Non-Coring Bits	4.23	Silicon Carbide Wheels	3.2 - 3.3
Nozzles	9.33 - 9.34	Sink Anchors	19.8
Oil Removers	18.9 - 18.10	Sink Setters	19.4 - 19.5
Oil/Water Separator	8.14	Slab Handling	15.19 - 15.20
Packaging Tapes	17.6	Slab Storage	15.17 - 15.18
Papers (Carboff, Carbon, Tracing, etc)	11.7	Slab Transportation	15.27 - 15.29
Paver Saws	2.5 - 2.6	Sleeves & Holders	9.35 - 9.36
Penetrating Adhesives	16.13	Sling Bars	15.5
Pinch Bars	14.5	Slings	15.6 - 15.8
Plug Drills	23.2	Solvents	13.9 - 13.10
Pneumatic Abrasive Guns	12.2	Splitting Equipment	22.28 - 22.29
Pneumatic Hammers	22.2	Spray Guns	13.11
Pneumatic Tools	22.3 - 22.11	Stationary Compressors	8.5 - 8.8
Polishers	1.3 - 1.8	Steel Hand Tools	22.16 - 22.17
Polishing Powders	3.5 - 3.6	Stencil	10.5 - 10.13
Polyesters	16.5 - 16.7	Stencil Accessories	10.15 - 10.16
Porcelain Blades	4.6 - 4.7	Stencil Cutters	11.10 - 11.11
Portable Compressors	8.2 - 8.4	Stencil Knives	11.8
Portable Routers	1.14	Stencil Rollers	11.8
Pressure Washers	18.22	Strapping	20.3
Profiles	4.29 - 4.35	Stretch Film	20.2
Polishing Pads	4.36 - 4.42	Stubbing Wheels	5.30 - 5.31
Protective Tapes	17.5	Suction Cups	5.36 - 5.38
Quarrying Supplies	23.3 - 34.4	Surface Polishing	4.57 - 4.60
Quickie Saws	2.4	Tapes	17.2 - 17.6
Radial Arm Tooling	4.55 - 4.56	Template Cutters	11.12
Rail Blades	4.15	Texturing & Special Finishes	4.47 - 4.51
Rail Saws	2.2 - 2.3	Tile Blades	4.6 - 4.7
Raincoats	21.15	Tile Saws	2.5 - 2.6
Repair Kits	16.19 - 16.20	Tints & Colorants	16.16 - 16.17
Repair Products	16.18	Tool Holders	5.34 - 5.35
Respirators	21.2 - 21.7	Tools for Thin Stone	22.19
Rodding	4.9 - 4.10	Tools Sets	22.26 - 22.27
Routers (Finger Bits)	5.28 - 5.29	Transfer Tapes	17.6
Rubber Mallets	11.8	Triangles	11.4
Rubbing Cakes	11.8	Truck Mounted Cranes	14.9 - 14.10
Rulers	11.2, 11.3, 11.5	Vacuum	1.10
Rust Removers	18.8	Vacuum Lifters	15.13 - 15.16
Sandblast Nozzles	9.33 - 9.34	VHB Tapes	17.4
Sandblast Rooms	9.28 - 9.30	Water Treatment Systems	6.2 - 6.3
Sandblast Tanks & Parts	9.6 - 9.25	Wire Saws	2.16
Saws	2.2-2.16	Work Tables	15.21 - 15.23
Sealers	18.12 - 18.16	Yokes	15.5
Seam	5.30 - 5.31		
Seam Phantom	1.9		
Seam Setters	19.4 - 19.5		

LENGTH

Millimeters	X	0.04	=	Inches
Centimeters	X	0.4	=	Inches
Meters	X	3.3	=	Feet

VOLUME

Milliliters	X	0.03	=	Fluid Ounces
Liters	X	2.1	=	Pints
Liters	X	1.06	=	Quarts
Liters	X	0.26	=	Gallons
Cubic Meters	X	35	=	Cubic Feet
Fluid Ounces	X	30	=	Milliliters
Pints	X	0.47	=	Liters
Quarts	X	0.95	=	Liters
Gallons	X	3.78	=	Liters

SIZE/WEIGHT

2 cm Stone	=	15 lbs (per sq/ft)
2 cm Stone	=	22.5 lbs (per sq/ft)
1 cubic Stone	=	180 lbs/ft

METRIC EQUIVALENTS

1 Inch	=	2.54	Centimeters
1 Foot	=	0.3048	Meters
1 Yard	=	0.9144	Meters
1 Centimeter	=	0.3937	Inches
1 Meter	=	39.3701	Inches
1 Quart (liquid)	=	0.9464	Liters
1 Gallon	=	3.7854	Liters
1 Liter	=	1.0567	Quart (liquid)
1 Liter	=	0.04	Cubic Feet
1 Bar	=	14.5	PSI

WEIGHT (MASS)

Grams	X	0.035	=	Ounces
Kilograms	X	2.2	=	Pounds
Ounces	X	28.00	=	Grams
Pounds	X	0.45	=	Kilograms

METRIC CUBIC EQUIVALENTS

1 Cubic Inch	=	16.3871	Cubic Centimeters
1 Cubic Inch	=	0.0164	Liter
1 Cubic Foot	=	0.0283	Cubic Meters
1 Cubic Foot	=	28.3169	Liters
1 Cubic Meter	=	35.3147	Cubic Feet
1 Ounce	=	28.3495	Grams
1 Pound	=	0.4536	Kilogram
1 Gram	=	0.0353	Ounce
1 Kilogram	=	2.2046	Pounds
1 Ton (2,000 lbs)	=	907.185	Kilograms

AREA

sq. Centimeters	X	0.16	=	sq. Inches
sq. Meters	X	1.2	=	sq. Yards

DIAMOND BLADES RPM

			M/S																	
DIAM	DRYBLADE		GRANITE					MARBLE				SANDSTONE				MARBLE				DIAM
			VH	H	M		S			TRAVETINE				HIGH SPEED						
MM	15	20	25	28	30	32	35		45	50	55	60	65	70	80	85	inch			
100	2865	3820	4775	5348	5730	6112	6684	7639	8594	9549	10504	11459	12414	13369	15279	16234	4			
115	2491	3321	4152	4650	4982	5314	5813	6643	7473	8304	9134	9964	10795	11625	13286	14116	5			
125	2292	3056	3820	4278	4584	4859	5348	6112	6875	7639	8403	9187	9931	10695	12223	12987	5			
150	1910	2546	3183	3565	3820	4074	4456	5093	5730	6366	7003	7639	8276	8913	10188	10823	6			
180	1592	2122	2653	2971	3183	3395	2714	4244	4775	5305	5836	6366	6897	7427	8488	9019	7			
200	1432	1910	2387	2674	2865	3056	3342	3820	4297	4775	5252	5730	6207	6684	7639	8117	8			
230	1246	1661	2076	2325	2491	2657	2906	3321	3737	4152	4567	4982	5397	5813	6643	7068	9			
250	1146	1528	1910	2139	2292	2445	2674	3056	3438	3820	4202	4584	4966	5348	6112	6494	10			
300	955	1273	1592	1783	1910	2037	2228	2546	2865	3183	3501	3820	4138	4456	5093	5411	12			
350			1364	1528	1637	1746	1910	2183	2456	2728	3001	3274	3547	3820	4365	4638	14			
400			1194	1337	1432	1528	1671	1910	2149	2387	2626	2865	3104	3342	3820	4058	16			
450			1061	1188	1276	1358	1485	1696	1910	2122	2334	2546	2759	2971	3395	3608	18			
500			955	1070	1146	1222	1337	1528	1719	1910	2101	2292	2483	2674	3056	3247	20			
550			868	972	1042	1111	1215	1389	1563	1736	1910	2083	2257	2431	2778	2952	22			
600			796	891	955	1019	1114	1273	1432	1592	1751	1910	2068	2228	2546	2706	24			
625			764	856	917	978	1070	1222	1375	1528	1681						25			
650			735	823	831	940	1028	1175	1322	1469	1616						26			
700			682	764	819	873	955	1091	1228	1304	1501						28			
750			637	713	764	815	891	1019	1146	1273	1401						30			
800			597	668	716	764	836	955	1074	1194	1313						31			
800			531	594	637	679	743	849	955	1061	1167						35			
1000			477	535	573	611	668	764	859	955	1050						39			
1100			434	486	521	556	608	694	781	868	955						43			
1200			398	446	477	509	557	637	716	796	875						47			
1400			341	382	409	437	477	546	614	682	750						55			
1600			298	334	358	392	418	477	537	597	657						63			
1800			265	297	318	340	371	424	477	531	584						71			
2000			239	267	286	306	334	382	430	477	525						79			
2200			217	243	260	278	304	347	391	434	477						87			
2500			191	214	229	244	267	306	344	382	420						98			
2700			177	198	212	228	249	283	318	354	389						106			
3000			159	178	191	204	223	255	266	318	350						118			
3500			136	153	164	175	191	218	246	273	300						138			
4000			119	134	143	153	167	191	215	239	263						157			

R.P.M CHART FOR CORE DRILLING

CORE DRILL			Hard Granite	Soft Granite	Marble	Traver- tine	Sand- stone
DIAMETER			M/SEC	M/SEC	M/SEC	M/SEC	M/SEC
INCHE	MM		1.75	2.25	2.8	3.5	3.8
1/4	0.25	0.006	5300	6814	8479	10599	11508
3/8	0.38	0.010	3533	4543	5653	7066	7672
1/2	0.50	0.013	2650	3407	4240	5300	5754
5/8	0.63	0.016	2120	2726	3392	4240	4603
3/4	0.75	0.019	1767	2271	2826	3533	3836
7/8	0.88	0.022	1514	1947	2423	3028	3288
1	1.00	0.025	1325	1703	2120	2650	2877
1 1/8	1.13	0.029	1178	1514	1884	2355	2557
1 1/4	1.25	0.032	1060	1363	1696	2120	2302
1 3/8	1.38	0.035	964	1239	1542	1927	2092
1 1/2	1.50	0.038	883	1138	1413	1767	1918
1 5/8	1.63	0.041	815	1048	1305	1631	1770
1 3/4	1.75	0.044	757	973	1211	1514	1644
1 7/8	1.88	0.048	707	909	1131	1413	1534
2	2.00	0.51	662	852	1060	1325	1438
2 1/8	2.13	0.054	623	802	998	1247	1354
2 1/4	2.25	0.057	589	757	942	1178	1279
2 3/8	2.38	0.060	558	717	893	1116	1211
2 1/2	2.50	0.064	530	681	848	1060	1151
2 5/8	2.63	0.067	505	649	808	1009	1096
2 3/4	2.75	0.070	482	619	771	964	1046
2 7/8	2.88	0.073	461	593	737	922	1001
3.00	3.00	0.076	442	588	707	883	959
3.50	3.50	0.089	379	487	606	757	822
4.00	4.00	0.102	331	426	530	662	719
4.50	4.50	0.114	294	379	471	589	639
5.00	5.00	0.127	265	341	424	530	575
5.50	5.50	0.140	241	310	385	482	523
6.00	6.00	0.152	221	284	353	442	479



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