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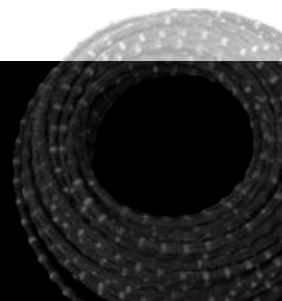
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We have your **supplies** and spare parts to go with our equipment. And as always, we're here to help with service & support.

QUARRY MACHINES: all the equipment needed to quarry dimensional blocks of marble, granite and other stone types. Machine range includes a number of models of cutting machines using diamond wire, drilling machines and equipment for tipping and splitting

STATIONARY MACHINES USING DIAMOND WIRE: can square blocks upstream of primary saws and/or cut slabs and profiles for monumental and ornamental use. *In versions for both marble and granite. Electric motor or Diesel engine.*

TD 25

Diamond wire saw for block dressing and small cuts in the quarry.

TD 45-55-65

Diamond wire saw for cuts of all sizes.

TD 80 (-100)

Diamond wire saw for cutting large benches.

TDI 80 Plus

Remote control standard. Controlled by Amps and Load Cell.



Quarry Diamond Wire Saws

Diamond Wire, Air & Water Bags...



Diamond Wire



Hydro Bags by NEWTEC



Air Bag
• 3 ports
• Fast release



Button Bits & Drill Steel

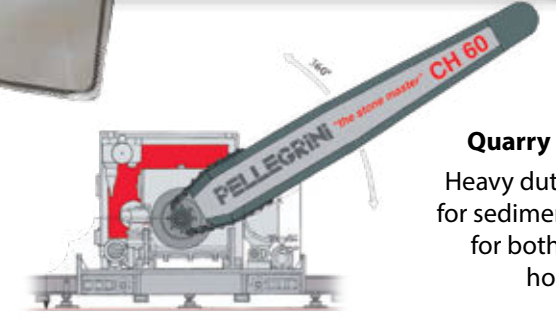


Pneumatic & hydraulic drilling machines

Drilling machines and block cutters for vertical and horizontal line drilling operations.



Drilling Machines



Quarry Chain Saw

Heavy duty chain saws for sedimentary stones; for both vertical and horizontal cuts.

TBC 90 - Rail-mounted block cutter with one or two drills with thrust adjustment and air motor for travel along the rails. Kit for horizontal drilling.

Slim Bar - Light-weight rail-mounted block cutter, one drill, with thrust adjustment and air motor for travel along the rails. With a spherical coupling, can drill at any angle.

Slim Driller - Pneumatic drill fitted with a down-the-hole hammer for vertical and horizontal holes to pass diamond wire through massive rock.

Horizontal drill for rows of holes on the quarry-floor level.

Single wire saws

Used mainly for dressing and squaring blocks and for cutting slabs of any thickness.



DF 2000

DF 2000-2500-3000-3500

Single wire saw for dressing blocks and cutting slabs...

- Top Inverter or Fixed Wire Speed
- Two main large diameter flywheels (250 or 200cm, depending on maximum cutting height needed) to maximize the cutting speed and the life of the diamond wire. The wire tensioning system is hydraulic.
- Fitted with a fully electronic control and tensioning system and with a PLC for automatic slabbing.

DF JOLLY

Single wire saw for dressing blocks, but fitted with a 2-axis CNC system that enables cutting of two-dimension profiles as well as slabbing.

Diamantfil DF 1200 SHV

Multifunction stationary diamond wire saw

- Stone panels
- Slab Splitting
- Horizontal & Vertical cutting
- block dressing squaring
- production of slabs from one dimension stone block.

Heavy rigid structure, equipped with 20 ton block trolley. Gantry version also available.

Diamantfil DF 1200 Jolly

"Jolly" version adds profiling capability

- Splitting, Horizontal, Vertical cuttings
- 2 Dimensional shaping
- One machine solves all your needs
- Fixed & Gantry versions available

shown on page 7



Pictures courtesy of Idaho Granite Works

DF 2000 Roller

Set up multiple blocks along a bed for high production!

Entire machine moves down a set of rails.

Don't forget that we supply diamond wire and have an inventory of spare parts.

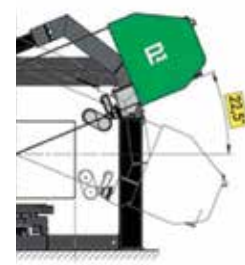


Slabbing/Shaping

Slabbing

Single and multiple wire profiling machines

Systems for cutting two and three dimensional profiles using diamond wire, entirely CNC controlled on 2, 4, 6 or 7 axes. Available in various versions as to the useful cutting dimensions needed and the number of profiling wires required.



Robot Wire EVO

With CNC system, seven axes controlled for wire inclination up 22.5° allows a wider variety of shapes. Cuts 2D & 3D profiles out from blocks of marble, granite and ornamental stones (up to 2.6 meters width and 1.7 meters high.) The distance of the guide-wheels from the block, the angles of inclination, and the controlled tension of the diamond wire grants the maximum cutting precision and optimized performance.



Robot Wire

Machines for cutting two and three dimensional profiles, using Diamond Wire. Entirely controlled by 4 or 6 axes CNC systems.



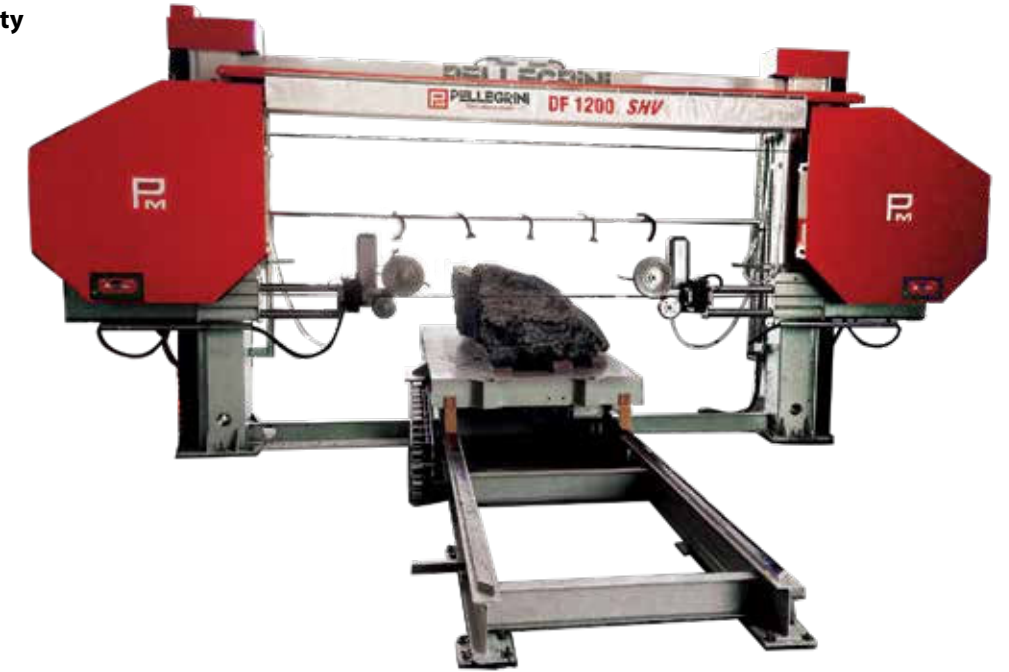
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"Jolly" version adds profiling capability

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- 2 Dimensional shaping
- One machine solves all your needs
- Fixed & Gantry versions available



Pictures courtesy of Idaho Granite Works



Slabbing



Polywire DECAWIRE/DoDECAWIRE

- Pellegrini's DECAWIRE: 10 wires for thin and thick slabs
- Pellegrini's DODECAWIRE: 12 wires for thin and thick slabs
- Easy & fast thickness adjustment
- 10 slabs from 2-10cm (3/4" to 4")
- Big wheels offer lower stress for longer life of diamond wire
- Low energy & low water consumption



Shaping

Pellegrini Cranes



Gantry Cranes

OVERHEAD CRANES with one or two beams. Pellegrini's high tech design and construction. Loads from 2 to 50 t.

Derrick Crane

With load to 50 ton and jib to 80 mt.

Gantry Crane

With load to 70 ton; span and jibs can be on request.

Overhead traveling Crane

With capacity to 50 ton and span on request.

Special Cranes

We build cranes with capacities and structures off size.

Top Loader Crane

Loading arm device for loading slabs in 20' box containers.

BLOCK-TILTING MACHINE to rotate blocks up to 30/50 t. Easily operated by one person.



Rotofix

See also **Material Handling** on page 25

Overhead Cranes



Handling



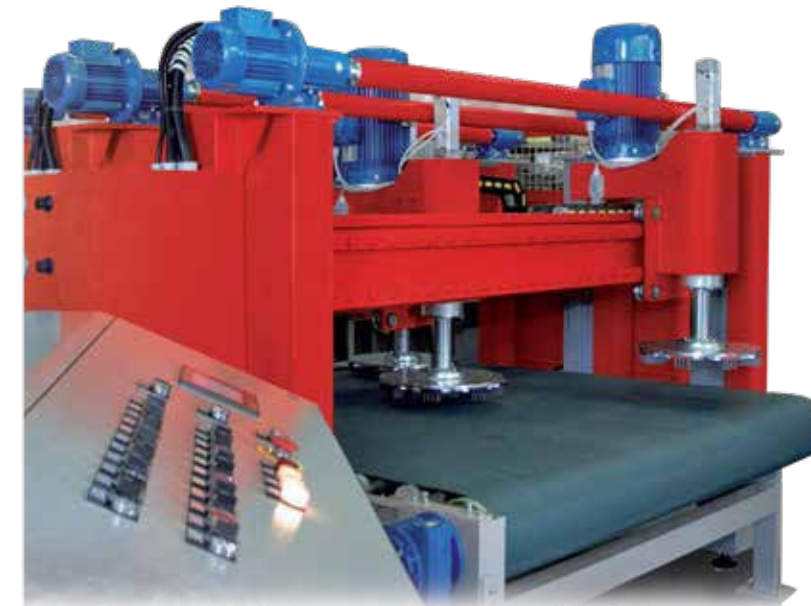
Top Loader



We'll help assess the optimal lifter for you. A complete range of self-powered FLT mounted or crane mounted vacuum lifters for handling concrete, stone, marble, granite, slabs, panels. Capacities from 100kgs up to 50000kgs. Single pads, multi-pads, radio control, 90° or 180° vtilting. No installation required.



La Rossa Surfacing Machine can use, simultaneously: Lupato plates and/or PadHead™ with diamond pads, & more.



'WATERSTORM-MASTER' a range of equipment for rough-surfacing on granite, some types of marbles and natural stones, and other materials. A high pressure water jet directed at the surface detaches weaker parts of the stone surface making the roughness obtained dependent on the structure....

Surface Treatments Marmomacchine

- Bush Hammer
- Flaming
- Water Storm
- Sand Blasting

Surfacing

FBS 220

MARMOMACCHINE PELEGRINI has always been a world leader in machines, plants and equipment for rough surface finishing of Marble, Granite, natural/artificial stones, and pre-cast concrete products.

- Plants for bush-hammering, flaming, sandblasting and scarification (Waterstorming) with high pressure water
- Plants for special rough-finishing operations (grooving, chiseling, grinding, aging)
- Plants for curb-stone processing
- Plants for washing drying and brushing strips and/or slabs



FBS 220

Automatic and semi-automatic systems for handling slabs and strips: roller conveyors, carriages, robots, turntables; slab tipplers, rotating platforms

- Dust absorbers with water abatement
- Sound-proof cabins
- Safety systems for processing plants, to protect the working area of automatic machines.

FB 80 - FB 220

Can be supplied in versions for single or multiple functions, with any combination of the various surface processing operations (bush-hammering, flaming, sand-blasting).



For over 60 years Pedrini has been designing machines and systems to enhance the beauty of natural stone.

Pedrini creates systems and machines for all phases of natural stone processing – from cutting to polishing, from resin coating to finishing which guarantee customers precision, reliability and production efficiency.

Processing solutions for marble, granite, quartzite and composite materials. Meets production needs with the utmost respect for the raw material, thanks to a high level of specialization and technical expertise and continuous investments in research and development.



Pedrini MULTIWIRESAW JUPITER GS230

is a multiwire machine manufactured by Pedrini that performs block cutting with a series of diamond wires for industrial production of granite slabs. It is available in several versions that differ in the maximum number of wires and for the diameter of diamond wires (7.3 mm – 6.3 mm – 5.3 mm).

With GS230 produce slabs with thicknesses between 2 and 10 cm simultaneously from the same block.

The flywheel of this multiwire machine rotates the diamond wires which move vertically along two columns to cut the block into slabs. The diamond wires are tensioned by the combined action of the machine's rigid structure and a hydraulic pressure system.

The wires are interspaced to obtain slab thickness by means of special grooves in the flywheel covers and of the wire-guide rollers.

The automatic cutting cycles are programmed from a monitor using a "user-friendly" graphical interface.

It is characterized by its flexibility, reliability, absolute state-of-the-art technical solutions and very high production capacity.



PEDRINI Polishing Line: GALAXY B220-GX-T3

Galaxy B220-GX-T3 is the innovative slab polishing machine with 3 moving beams designed to perfect the slab polishing process as well as the processing of new stone materials.

Galaxy B220-GX-T3 moves the three beams synchronously or independently, allowing to simultaneously manage slabs with different widths without the need to completely empty the machine at each batch change, as is the case with single-beam polishers.

In addition, the three moving beams make it possible to optimize of the use of tools in the three processing phases: honing, pre-polishing and polishing.

Versatility at your fingertips.

For its multi-beam polishing machine, Pedrini has developed QuickEase, the easy and intuitive software that enhance production. With its user-friendly interface and visually intuitive design, QuickEase allows operators to effortlessly manage all production-related tasks with remarkable ease, speed, and versatility.





Tesmo H-frame Split-Face splitter for wide full slabs.



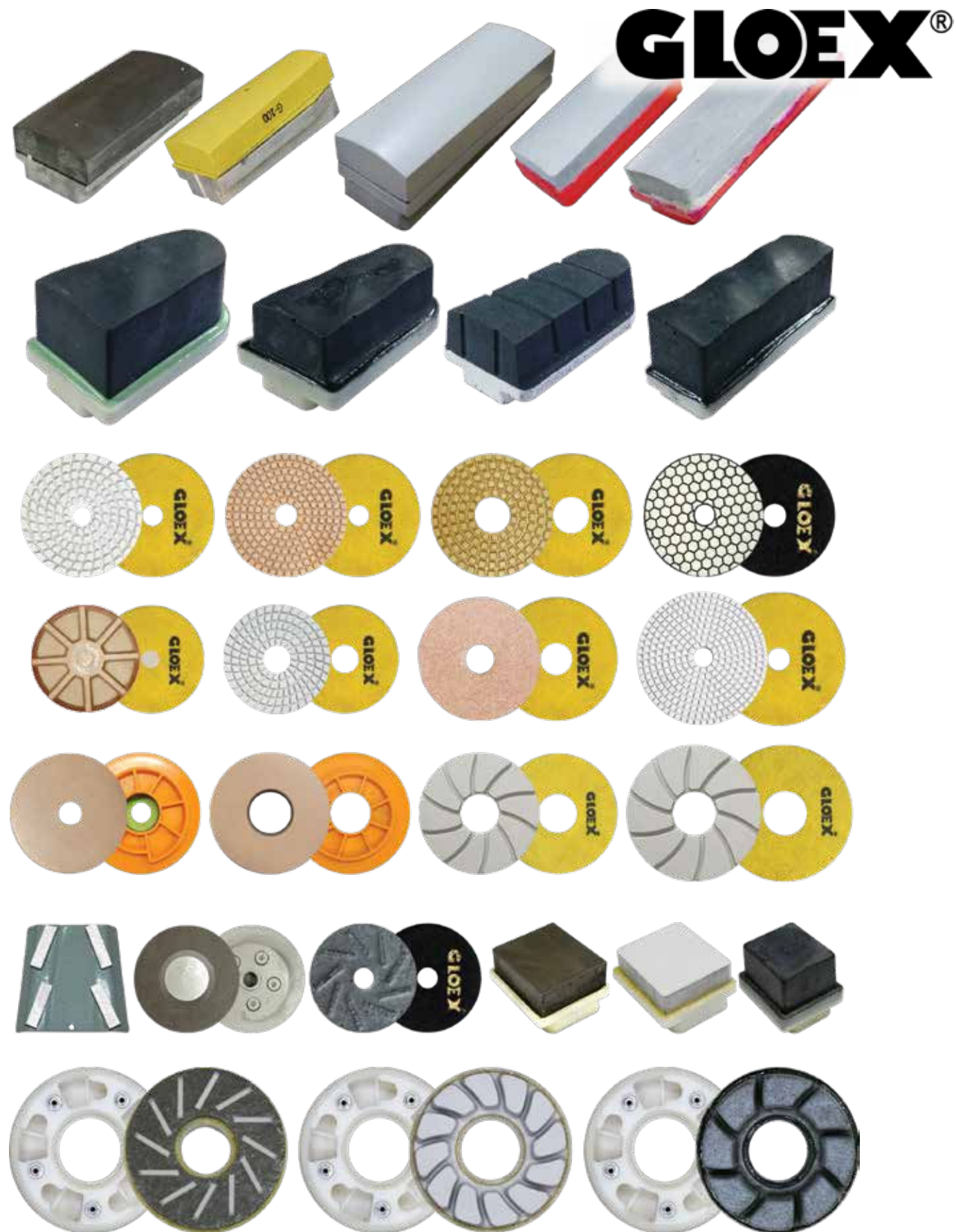
C-Frame series Manual splitters.



FAST 1, FAST 2, FAST 3, FAST 5

Veneer Saw models above offer 1-5 blades per saw. Designed to make finished, clean cuts. Many options available.

Let us help you determine the right MEC stone splitter for you. Whether manual or automatic, for your type of stone, and whether it's for splitting, cutting, pitching or crushing. MEC will customize for your process.



GLOEX®

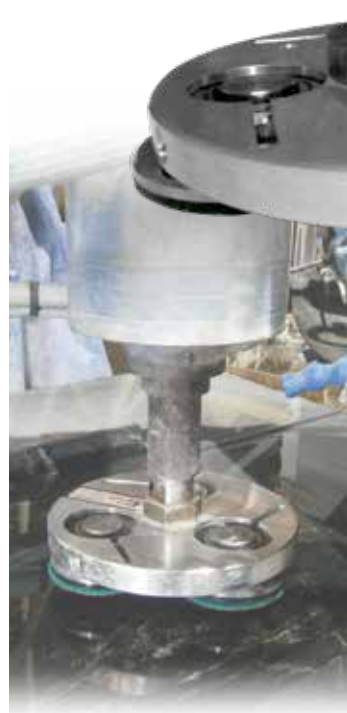
PadHead™ & Polishing

PadHead™ Polishing & Grinding Heads

Miles Supply's PadHead™ polishing & grinding head is the most unique tool on the market for surface treatments. The PATENTED multiple free rotating heads work off of the resistance of friction to accomplish its superior surface cutting action. Up to 50% faster using diamond pads than traditional abrasives or plates! Hone, polish, or texture surfaces on your CNC or other applications..

LUPATO texturizing

Spring-loaded Adapter for CNC



Low-Profile Model II

Model I



TEXTURED SURFACES

Lupato plates, adaptors for frankfurt, adaptor for bridge saw, for hand-held, for CNC, for floor machines; many methods for many finishes!



TRANSFORM your same ol' STONE

LUPATO
meccanica
TOOLS FOR ROUGH FINISHES ON STONES



Diamond, Resin, Metal & SIC Bricks, Surfacing



Brushes:
Round, Frankfurt & Fickert, SIC & Diamond, in various grits.

Ask about our other lines and catalogs such as Polishing, Sandblasting, Industrial & Safety/PPE.

LUPATO
meccanica

Scratching	Comma
Bushhammering	Nicking
Rolling	Sandblasting

More than 50 textures for stone!

Polishing

Lupato | Surfacing



Miles Supply
milessupply.com

Diamond Blades
For: Thin Stone Veneer
Concrete/Asphalt
Granite
Marble
Bluestone

Full-Service Shops
in: VT, GA, PA, IL, TX
• Hammering
• Re-Tipping
• Machine alignments

Diamond Wire



Vortex, Disco, Bluestone, Miles Attack, Veneer, Block, Bridge Saw Diamond Blades

Miles Supply carries a full range of diamond segments for retipping blades from 14" to 11'6"

We'll retip them for you, too!

Please contact Miles Supply for a quote on your diamond product & tipping service requirements.



Premium Cutting Solution



Standard as well as customized tooling and adapters.

Profiling



Adapters



Stubbing Wheels



Milling Wheels



Coring Bits



SRD tools di Zoli Derek *Ask about SRD Custom Tooling!*

Blades

Boart & Wire

Tooling

Fully Automatic Sandblast & Recovery System

*Fully Customizable!
Ask us about tailoring a sandblast Front-End curtain, and even shaping rooms, adapted to your needs.*



SandHandler Fully Automatic Sandblast & Recovery System

- Servo-motor design upgrade
- Customize unit size & vertical travel
- Stone to Stone feature included
- No Pits Needed
- No Shoveling
- Easy to Use; Easy to Install

see demo on 

Answers to Frequently Asked Questions about SandHandler:

1. Yes, we can **customize** according to your application and parameters!
2. The SandHandler is **computer controlled** by very simple touch-screen set-up and operation.
3. The SandHandler is powered by **servo motors** controlled by electronics.
4. The sand is screened and flows through the underside piping mechanism without use of compressed air, thus there are **no moving parts involved in the recovery system**.
4. The SandHandler blast head can turn on the rubber or **stencil without burning**.
6. The computer is programmed to shut down the system when the next count is not received in time, which **prevents the blast nozzle from stopping on the stone**.
7. The blast room comes equipped with pass through doors on each end, allowing **easy in and out** of the stone on conveyor system.
8. The SandHandler features **joystick manual controls**; allows the operator to manually maneuver while standing directly in front of the viewing window.



Marco & Empire Blasters

Our Brooksie Blaster

Shaping Bottom



ConX XAir SC70



Custom Curtains and replacements



See our catalog of Sandblast supplies or see milessupply.com.

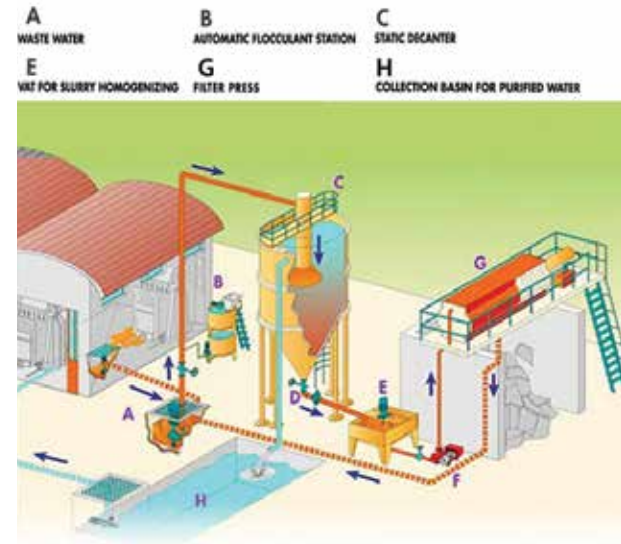
SandHandler

Sand Blasting



**Fraccaroli Balzan
Water Treatment Plants**

The compact treatment plant at right comes ready to work, with all of the necessary components all in one unit. The compact plant is a simple solution to your hard-to-clean sludge pits. We also sell and advise on complete systems.



Water Treatment Plants by F&B
Separates the waste product & water; recycled water returns for use. Systems eliminate sludge pits/monthly cleaning.



StoneFlo DWS Workstations
StoneFlo DWS Dust Collectors fit anywhere on the plant floor and apply no restrictions to worker movements or visibility. Designed specifically for in-plant open areas where it's dirty.

Proprietary Ultra-Web® Nanofiber Filters and ExtraLife™ cleaning; the DWS delivers where high filtration efficiency is required!

- Flexible, modular, self-contained workstations
- Easy filter access requires no tools
- No hoods or ductwork required
- Energy savings – recirculate clean air

ULTRA WEB®
High Efficiency Nanofiber Filters Built to Last



Stoneflo Torit® Dust Collectors



Dust Collectors by Weha
Water curtain models are some of the available solutions for dust control.



Trunk Dust Collector

StoneFlo

Fraccaroli & Balzan



Miles Supply Cleaners

Effective & economical. Our bio-cleaner works like the other guy's but for less. Also special formulations for granites and a poultice.



Stone Wash

good for final wash; removes any residue from the manufacturing process
By the gallon, 5 gallons or 55 gallon drum.



Clean Stone

for weathered stones in the cemetery
Ready-to-use pump, gallon, 5 gallons or 55 gallon drum.



1" and 2" Straps with Cordura

Straps have a cordura wear strip sewn around the inside to decrease wear and give the strap extra grip on surfaces.



4" Wide Belt Slings

White nylon belts, cotton inner layer designed to reduce slipping and increase life. Other widths and thicknesses available.



Pull Out Spot Remover

This "dry white powder" multi-purpose cleaner removes oil and grease stains.



Citrus Filler Remover
to remove filler from sandblasted stone



Elephant Snot Graffiti Remover
removes paint from stone



Acid Stain Remover
to remove difficult, deep stains
5 gallons or 55 gallon drum.



Sling Bar

Complete with pipe rollers and washers, the sling bar has a 3 ton capacity on inside rollers and 1½ ton capacity on outside rollers. Ask us about customizing ones for your application.



Sling Lift Tuflex Slings

Versatile canvas wrapped fibers of polyester. Diameters for different capacities.

D/2 Biological Solution

Cleans monuments, it removes stains from mold, mildew, algae, lichens, & air pollutants. Non-toxic & no scrubbing necessary.



Ammonium Hydrogen Bifluoride
Popular crystals used for cleaning.

Pressure Washers

4, 5, and 6.5 HP models, 520M electric model.



Ask about our epoxies, sealers, setting compounds, stencil supplies, carbide tools, sandblast supplies, & safety gear/PPE.



Sling Yoke - 15"

"A" sling yoke with shackles and rollers has a 4 ton capacity.



Sling Yoke

Sling for light duty.



Weha Lifters

Check out capacities and other Weha Equipment on our website.



MANGANESED PHOSPHOLENE NO. 7
Cleans rust marks off monuments/stone.



Scrub Brushes

sizes and varieties for various jobs.



Slab Lifters



AARDWOLF

See also **Pellegrini Cranes &** other Vacuum Lifters on page 8



Cleaners

Handling

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Elberton, GA 30635
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Rockville, MN 56369
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See website for Terms & Credit Application



Full-Service Shops

in: VT, GA, PA, IL, & TX

- Hammering
- Re-Tipping
- Machine alignments

Diamond Blades

including for:

- Thin Stone Veneer
- Concrete/Asphalt
- Granite
- Marble
- Bluestone

Diamond Wire

from Bort & Wire

*Check out website for Sandblast
Equipment, Dust Collection, Polishing
Supplies, and Surfacing....*

www.milesupply.com