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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.

Diamond Wire, Air & Water Bags...

Hydro Bags by Air Bag
• 3 ports
• Fast release

Diamond Wire, Air & Water Bags...

Pneumatic & hydraulic drilling machines
Drilling machines and block cutters for all types of vertical and horizontal line drilling operations.

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.
PELLEGRINI Single-Wire

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.

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.

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

DF 2000-2500-3000-3500

Proudly sold here exclusively in North America.

Pictures courtesy of Idaho Granite Works

Pictures courtesy of Idaho Granite Works

Slabbing

Proudly sold here exclusively in North America.

Pictures courtesy of Idaho Granite Works

Pictures courtesy of Idaho Granite Works
PELLEGRINI Multi-Wire

Multiple wire saws
To cut multiple slabs of thickness of usually ¾˝ or 5½˝. Various machine versions available for 2 to up to 72 wires. Multiwire for thick slabs.

Polywire 5 S
This 5 diamond wire system combines production, flexibility and accuracy. Thickness ranges between 2.1-14.5 cm. Cuts either “cm” and “inch” sizes. Computer controlled. Uses guide wheel or guide drum.

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 (¾˝ to 4”)
- Big wheels offer lower stress for longer life of diamond wire
- Low energy & low water consumption

Polywire 5/16, Polywire 5/34 & Polywire 40/54
- Multiple wire gang-saw to cut slab thicknesses from 2cm (¾˝).
- Double series of 2.35 meter diameter flywheels with independent tensioning
- Computerized control system for cutting and block-carriage shift operations.
- PLC & CNC system.

Polywire 54
This multiwire adds to the range while keeping the same features – large diameter motor drum and tensioning flywheels to run the diamond wires at peak performance; in results and longevity – also other innovations you’d expect from Pellegrini experience and ingenuity. Process blocks up to 1.5m deep in one shot, while slab thicknesses can be mixed.

Pentawire 5/5
- Multiwire system combines production and flexibility
- Equipped for up to 5 diamond wires
- Up to 5 diamond wires
- PLC control system
- Cuts either “cm” and “inch” sizes
- Available in fixed and Gantry version

Patented “Multipull” bearings for independent tensioning of each wire.
PELLEGRINI Shaping Machines

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.

TRIMWIRE mobile quarry saw!
- 1000 mm diameter flywheel
- 4m rail to cut different thicknesses
- hydraulic drives
- operated by radio control
- moves on its own tracks via diesel engine
- fits on a truck trailer
The advantages of a stationary wire saw on tracks!

NEW! TRIMwire & PolyONE

NEW!

TRIMWIRE mobile quarry saw!
- 1000 mm diameter flywheel
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- hydraulic drives
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- hydraulic drives
- operated by radio control
- moves on its own tracks via diesel engine
- fits on a truck trailer
The advantages of a stationary wire saw on tracks!

POLYONE: twice the cuts per diamond wire!
Multiwire with double cuts!
- Using only 10 wires, it can make 20 cuts of 1cm slabs in one single shot!
- or the standard 2cm & 3cm slabs, using only 10 wires for 20 cuts!
Two cuts in the block for each diamond wire! Uses special patented wire winding geometry.

NEW!

TRIMWIRE mobile quarry saw!
- 1000 mm diameter flywheel
- 4m rail to cut different thicknesses
- hydraulic drives
- operated by radio control
- moves on its own tracks via diesel engine
- fits on a truck trailer
The advantages of a stationary wire saw on tracks!

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- fits on a truck trailer
The advantages of a stationary wire saw on tracks!
CRANES & Material Handling

**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 23

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

**Surface Treatments**
- Bush Hammer
- Flaming
- Water Storm
- Sand Blasting

**MARMOMACCHINE PELLEGRINI** 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

Automatic and semi-automatic systems for handling slabs and strips: roller conveyors, carriages, robots, turntables, slab tippers, 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).
**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**

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

**Model I**

**Model II**

**Model C**

**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.
Blades & tipping

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

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

Diamond Wire

DONATONI Quadrix DV & DG

QUADRIX for processing marble or granite blocks to make: shaping, excavations, spiral columns, sculptures, engravings and cuts.

Equipped with an electric spindle, can use diamond-studded disks/tools/bits such as: end mill, digging wheel, horizontal disk. Can be equipped with a lathe and a swivel thrust bearing, both with numerical controlled rotation axes.

Use QUADRIX for restoration work and for work processes such as:
- Shaping and excavating with milling tools.
- Shaping blocks with disks to make complex shapes and large sizes.
- Disk cutting of slabs and blocks.
- Turning columns with profiled shapes and shallow processing of columns along the generatrix.
- Sculpting of statues.
Blades up to 2 meter diameter (6’6”).

Adapters

Coring Bits

Vortex, Disco, Bluestone, Miles Attack, Veneer, Block, Red Rebel, 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.

Blades up to 2 meter diameter (6’6”).
Fully Automatic
Sandblast & Recovery System

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

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.
5. 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.

Ask for our full catalog of Sandblast supplies or see milessupply.com.
**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. Measuring 17' x 7'5" x 7'5", 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

---

**Trunk Dust Collector**

StoneFlo Torit® 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

---

**Clean Air**

Dirty Air
CLEANERS

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

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.

Stain Lift - Aerosol
multipurpose cleaner is specially formulated for
stone; removing deep oil and grease stains
15 oz. aerosol cans or 12 cans per case.

Citrus Filler Remover
for the shop or cemetery to remove
filler from sandblasted stone

Elephant Snot Graffiti Remover
removes paint from stone

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.

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

Scrub Brushes
sizes and varieties for various jobs.

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

Handling

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 de-
digned to reduce slipping and increase life.
Other widths and thicknesses available.

Sling Bar
Complete with pipe rollers and washers, the sling bar
has a 3 ton capacity on inside rollers and 1 1/2 ton
capacity on outside rollers. Ask us about
customizing ones for your application.

Sling Yoke - 15"
"A" sling yoke with shackles and rollers has a 4 ton capacity.

Sling Yoke
Sling for light duty.

Slab Lifters
See also Pellegrini Cranes &
other Vacuum Lifters on page 10
Credit Application

Vermont
Miles Supply, Inc.
Barre, VT
800-396-8049
Fax: 822-476-3954

Georgia
Miles Supply, Inc.
Elberton, GA
888-283-5863
Fax: 800-789-0815

Pennsylvania
Miles Supply, Inc.
Montrose, PA
888-278-8383
Fax: 800-396-8049

Minnesota
Miles Supply, Inc.
Rockville, MN
800-789-0815
Fax: 822-345-2193

Application For Credit

Name of Firm or Individual: ____________________________
E-mail Address: ____________________________
Federal I.D. Number: ____________________________

Physical Address: ____________________________
City: ____________________________ State: ____________________________ Zip Code: ____________________________
Phone: ____________________________ Fax: ____________________________

HEREBY applies for credit in accordance with the terms and conditions of:
Miles Supply, Inc.
143 Boynton St.
Barre, VT 05641

& Miles Supply, Inc.
1999 Hartford Hwy
Elberton, GA 30635

& Miles Supply, Inc.
96 Ellsworth Dr.
Montrose, PA 18801

& Miles Supply, Inc.
P.O. Box 64
1400 W. Broadway St.
Rockville, MN 56369

Finance Charges of 1.5% per month (18% per annum) will be calculated for all unpaid balances over 30 days. All accounts, unless otherwise arranged, are payable on or before the net due date as shown on each invoice and/or statement.

OWNERSHIP
(All Fields Must be Filled in For Credit Application To Be Processed.)

☐ Corporation  ☐ Check here if incorporated within the past 12 months  ☐ Partnership  ☐ Individual

1. Names of Principals:

Social Security Number (Required)*

2. ________________________________________________________________

☐ Check here if cash sales are okay until credit is approved.

I certify that all the information on this form is correct. I fully understand your credit terms and agree to the proper payment in consideration of extended credit. In addition, I authorize Miles Supply, Inc., Individual, and Business credit investigations (and FICO) if necessary and I agree to furnish a current financial statement or sufficient information for the completion of a current financial statement. In addition, I expressly waive all rights of exemption, whatsoever allowable by law, as to personal or real property and further agree to pay all costs of collection or attempting to collect or secure any and all debts which I may now or in the future owe to any creditors for goods sold to me. In the event that my application is approved, I also agree to consent to have Miles Supply, Inc. and its assignees conduct a credit investigation to obtain credit reports and other information about my credit history. Further, the information provided will be used to determine the creditworthiness of individuals and businesses, the ability to fulfill the terms of a credit agreement, and to determine eligibility for credit. I hereby authorize Miles Supply, Inc. to obtain credit reports and other information about my credit history. This agreement is made and entered into in Barre, Vermont and/or Elberton, Georgia and shall be governed and construed according to the Laws of the State of Vermont and/or Georgia.

Date (Signed)

FINANCE
(All Fields Must be Filled in For Credit Application To Be Processed.)

Bank Name: ____________________________
Account Number: ____________________________
Bank Officer or Department To Contact: ____________________________

Address: ____________________________
City: ____________________________ State: ____________________________ Zip Code: ____________________________
Phone: ____________________________ Fax: ____________________________

REFERENCES
We ask that you please provide the names of at least two granite manufacturing firms that you do business with at this time. (If such a relationship exists)

1. Names of Principal(s):

Address: ____________________________
City: ____________________________ State: ____________________________ Zip Code: ____________________________
Phone: ____________________________ Fax: ____________________________

☐ Check here if cash sales are okay until credit is approved.

TERMS

CREDIT

Standard® orders shipped F.O.B. from either Miles Supply’s Barre Vermont or Elberton Georgia location. Some orders may be shipped directly from the manufacturer to the customer if requested from the customer.

SHORTAGES

After receiving your order from Miles Supply, please confirm immediately that all items (excluding back ordered items) were received. Miles Supply will not accept claims for missing merchandise filed over 2 business days after receipt.

SHORTAGES

Miles Supply can not guarantee that all items listed in this catalog are always in stock or available. Miles Supply will make every effort, though, to fill your order in a timely manner.

STOCKING

Miles Supply must be notified of the claim within 2 business days. Miles Supply is not responsible for damages by carriers. Please check your shipment thoroughly upon arrival.
Miles Supply, Inc.
143 Boynton Street
Barre, VT 05641
800.396.8049

Miles Supply, Inc.
11920 FM 1392
Terrell, TX 75160
844.883.4108

Miles Supply, Inc.
1599 Hartwell Highway
Elberton, GA 30635
888.283.5863

Miles Supply, Inc.
96 Ellsworth Drive
Montrose, PA 18801
888.278.8383

Miles Supply, Inc.
1660 West Broadway St.
Rockville, MN 56369
800.789.0815

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

Diamond Blades
including for:
- Thin Stone Veneer
- Concrete/Asphalt
- Granite
- Marble
- Bluestone

Diamond Wire
from Boart & Wire

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

www.milessupply.com