

STONE SAWS

Multipurpose machine MAS

Cutting, edge profiling, polishing and chamfering machine

MAS is a fully equipped **multipurpose machine** which can be used for **cutting, edge profiling, polishing** and **chamfering** straight edges by simply changing the head tool.



Features



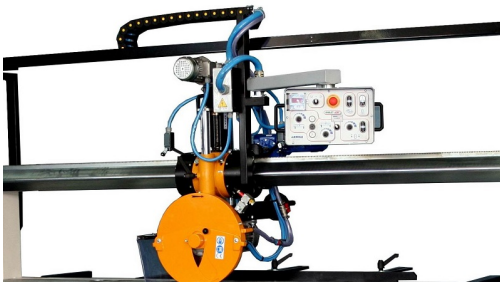
CUTTING DEPTH ADJUSTMENT

Motorized working depth adjustment along Z axis by geared motor.



STRUCTURE

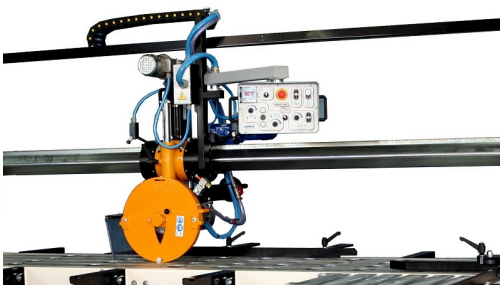
Steel frame, sandblasted and ceramic coated (hot-dip galvanized upon request).



CONTROL PANEL

Mobile control panel: includes the following controls:

- Main motor start/stop button
- Head forward, stop and reverse button
- Head forward and reverse variable speed controls
- Main motor raise and lower button
- Emergency stop push button



HEAD MOTION

Motorized head travel with variable speed on x and z axis in both directions. Three different head feed modes: forward only, forward and reverse (single cycle), forward and reverse continuously.
2-speed main motor for marble and granite.

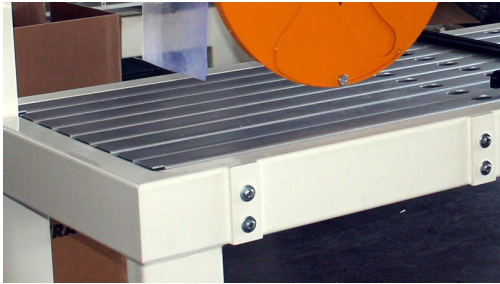
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HEAD TILT

Manual head tilt from 90 to 45 degrees for cutting or chamfering and to 0 degree for edge profiling and polishing.



WORKTABLE

Worktable made of galvanized steel rails.



EXTENSIONS AND SIDE STOP INCLUDED

The worktable is equipped with no. 6 worktable extensions and side stop for easily move also big slabs.

Advantages

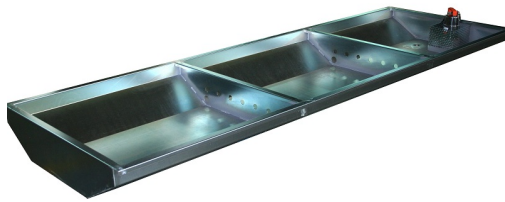
MAS is a multipurpose saw for cutting stone slabs as well as profiling, polishing and chamfering straight edges:

- Multipurpose machine **fully customizable** according to customer requirements;
- The utmost **precision** is guaranteed by a compressed, rectified and chromed “**active beam**”;
- **Motorized head travel** with variable speed on X and Z-axis in both forward and backward directions;
- **2-speed main motor** to optimize machining of all types of stone: for marble (7.5kW=10HP) and for granite (5.5kW=7.5HP).

Technical details

X axis travel	3100 mm
Z axis travel	240 mm
Diamond blade diameter	400 mm
Blade bore size	50 mm
Profiling wheels	Bore size 35mm – lower diameter 60mm
Main motor power	5.5/7.5kW - 7.5/10HP (3ph.)
Main motor rotation speed	1400 rpm 50Hz – 1700 rpm 60Hz
Standard voltage-frequency	400V-50/60Hz / 230V-60Hz 3ph.

Accessories

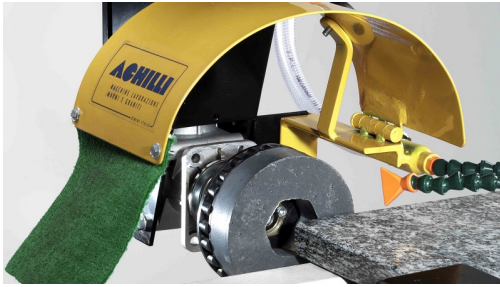


WATER TANK

Water tank with built in recycling pump for disc cooling during processing.

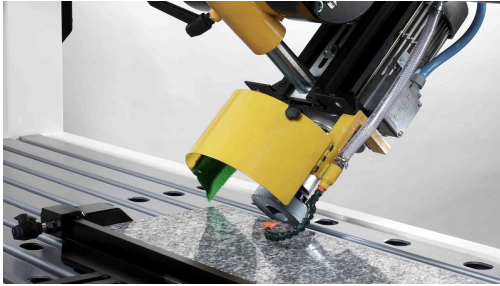
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FLAT EDGE POLISHING KIT

Head tilt from 90° to 0° for working the edge of slabs up to 60 mm in thickness.
Main motor slide for working of slab edge.
Tools technical features: Wheels 130mm diameter with left handed snail lock.



CHAMFERING KIT

Head tilt from 90° to 0° for working the edge of slabs up to 60 mm in thickness.
Main motor slide for working of slab edge.
Tools technical features: Wheels 130mm diameter with left handed snail lock.



PROFILING KIT

Head tilt from 90° to 0° for working the edge of slabs up to 60 mm in thickness.
Main motor slide for working of slab edge.
Tools technical features: Diamond profiling and edge polishing wheels with 60mm lower diameter (bore 7/8") or 150mm (bore 35-3-22,2mm) for marble and granite slabs up to 60 mm in thickness.



WORKTABLE WITH POP-UP ROLLERS

Pop-up rollers manual or motorized to facilitate slab loading and positioning: roller table with omni-directional rollers.

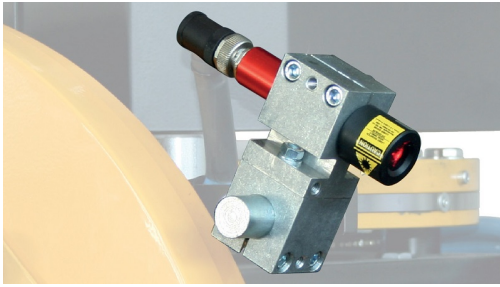


DEVICE FOR PARALLEL CUTS

Machine can be equipped with a special device that, controlling the movement of the side stop, facilitates the execution of parallel cuts. The side stop runs parallel to the cutting line by means of a special hand wheel.

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LASER

Laser alignment device mounted on the head shows the blade's cutting line.



SIDE EXTENSION TABLES WITH ROLLERS

Side extension tables equipped with rollers to facilitate slab movement. Dimensions: 1510x865 mm

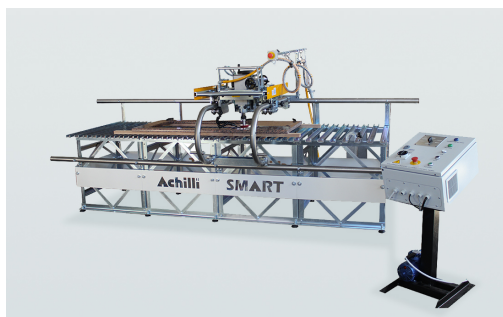
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Mini bridge saw TFM



SMART multipurpose machine



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Monoblock bridge saw MBS TS



Monoblock bridge GLD TSB

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