

Even though Marmomac 2017 has passed, the info on these machines have not:

- our multi-wire evolution: **DODECAWIRE VV** (with 12 wires) with independent big flywheels (no drums) to accommodate many thickness variations and **POLYWIRE 40** (with 40 wires) for massive slab production on marble and granite.
- our newest project for multiple and combination surface treatment: **LA ROSSA**.
- state of the art applications for the quarry: our new diamond wire quarry saws **TDI 80 PLUS**, with remote control and double tension mode (by Amp or Kgs) and all our quarry range **TDI 25**, **TDI 65/75** and **TDI 100 Super**.

The new frontier of cutting slabs and thicknesses!

Up to 12 slabs of 8 cm thickness each!

Suited for high production of thick slabs, this plant runs up to 12 wires to cut a wide range of various thicknesses from 2 cm up to 8 cm with twelve wires.

High flexibility and different thickness configurations can be achieved quickly by means of an innovative procedure: both the motor and the tensioning flywheels can be manually spaced axially along the respective shafts without removing them, allowing mixed metric or imperial thicknesses in the same shot. The plant is equipped with a large diameter motor drum and tensioning flywheels, as per Pellegrini's patented system. It's the new frontier of flexibility & performance!

DODECAWIRE VV



See at Exhibit!

At the Show!

POLYWIRE 40

**Big wheels,
Diamond wire longer life.
Excellence in
multi-wire technology!**



Polywire 40 is the best machine to process blocks up to 1 m depth in one shot allowing high flexibility and different thickness configurations in a short time. All components are easily accessible; permitting considerable maintenance-time reduction. The large diameters of the tensioning flywheels and the motor drum, as per the Pellegrini consolidated patented system, assure the longest tool life allowing the best performance. The revolutionary new lubrication system grants an incredible life to all tensioning components.

At Our Booth!

TDI 80 Plus

**The highest performance in the quarry
optional remote control
double tensioning mode!**

In the product line of the most powerful electric quarry saw machines, 80 HP can power very wide primary cuts with high cutting performance; an 8-pole electric motor offers the best torque output; the electric adjustment of the cutting head (rotation and lateral shift) grants the maximum distance between two parallel cuts without shifting the machine and the rails. Available with remote control device and load cell electronic tensioning system to tension by Amp or by Kgs on the wire!

ALSO AT EXHIBIT: TELEDIAM TDI 100 SUPER, TDI 65/75 SUPER AND TDI 25.



**The highest performance with
the best flexibility!**

The newest project of Pellegrini Meccanica for surfacing is “**LA ROSSA**”, a compact multipurpose machine for surface treatment, to easily achieve a variety of finishes. Mix different treatments such as flaming, bush/hammering, sandblasting, brushing, grinding and polishing for a new texturing adventure with very high productivity. Your results are assured with the combining of machine technology with the excellent tooling of the Italian Company Lupato Meccanica. Come to our stand to see the plant and a wide range of samples to open your mind to new frontiers.

See at Exhibit!

LA ROSSA



Don't Miss!

POLYWIRE 54

**Big Wheels
Longer Diamond Wire Life
Excellence in
multi-wire technology!**



Polywire 54 is the best machine to process blocks up to 1.5 m depth in one shot allowing high flexibility and different thickness configurations in a short time. Easy access to components considerably reduces maintenance time. Large diameter tensioning flywheels and motor drum, as per Pellegrini consolidated patented system, assure the longest tool life and the best performance. New lubrication system adds incredible life to tensioning components.

A multi-function stationary diamond wire saw. Main functions: Stone panel, Horizontal and Vertical cutting (for block dressing and slabbing) and 2 D profiling. Suited for processing blocks up to 2.5 m width, 1.2 m height and 3.5 m depth. The DF 1200 SHV series plant's space reduction, easy/quick assembly, and simple foundation is complete with the cutting precision that you expect of Pellegrini saws. The "Jolly" version adds 2D profiling capability.

Visit Us!

DIAMANTFIL 1200 SHV/JOLLY



Visit Us and See!

ROBOTWIRE EVO

Pellegrini's profiling plant Robot Evo, the result of decades of experience, is a 7-axis CNC wire saw capable of two and three dimensional profiles with a relevant inclination wire-angle of up to 22.5°. This allows for a wider variety of shapes formerly unattainable. The rotation of the guide-wheels controlled by PLC and their patented constant distance from the block grants maximum cutting precision. Equipped with an electronic system for constant wire tension, providing longer wire life and high quality production.

