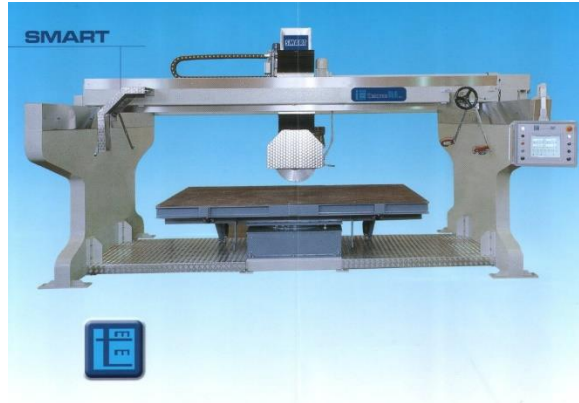


## **SMART SINGLE-PIECE BRIDGE SAW**



Machine designed for the cut of marble, granite and generic stones.

The single-piece structure of the SMART bridge saw doesn't need foundation working. This allow a very easy installation and positioning of the machine.

It is composed with a strong double tube steel bridge that moves on two H shaped steel rails 3800 mm long, by means of oil bath rollers protected with stainless steel covers.

It's equipped with a 15 HP (11 KW) disk motor that moves on the bridge by means of a sliding support on oil bath cast iron guides. The movement of the bridge on the different measures is made by a manual handwheel that can be locked. To assure the accuracy in cutting, the machine is equipped with one digital display that shows both the vertical and the horizontal measure with 1/10 mm accuracy. The motor can be manually tilted up to 45°.

Cut's programmer

The vertical movement is performed by an endless screw with endless bronze nut, driven by electric gearbox with double speed motor. The main motor moves up and down on two chromed round tubes  $\varnothing$  80 mm that slides on bronze bushes.

The maximum cutting sizes are 3200x3200mm. All movements, unless bridge movement on the rails, are electric and driven by electronic inverters that keeps a regular and homogeneous movement, and allow speed adjustment from 0 up to maximum.

The machine is complete with a heavy duty milled steel tilting bench 1700x3000 mm that can be manually rotated on bearing disc  $\varnothing$  800 mm with manual locking at 0° and 90°.

All the controls of the machine are situated in a box beside the working bench. A remote control with all main commands is also provided to allow the maximum flexibility of working.

The electric system of the machine is made with Siemens components and in according to international standards.

Laser

### **TECHNICAL FEATURES – SMART**

Standard cover for blade $\varnothing$	600 mm
Maximum blade diameter:	600 mm
Maximum cutting thickness (with $\varnothing$ 625 mm. Blade):	21 cm
Vertical stroke:	400 mm
Bench measures with side shelves:	1700x3000 mm
Blade motor power:	11 KW (15 HP)
Blade rotation per minute (rpm)	1450 g/1'
Up and down motor power:	0,75 KW (1 HP)
Left and right motor power:	1,1 KW (1,5 HP)
Bridge back and forth motor power:	0,55 KW (0,75 HP)

Maximum cutting sizes:	3500×3200 mm
Head tilting to:	45°
Standard voltage and cycles:	380 V / 50 Hz
Water consumption:	30 L/min

**OVERALL DIMENSIONS**

Length	6000 mm
Width	4000 mm
Height	2200 mm
Beam length:	3800 mm
Total weight:	4800 Kg

**PRICE EURO. 45.400,-**