

REDLINE

svstar^{XL}

Single-phase 220V

A PERFECT STONE PROCESSING CENTER

Turning head, fixed
in 4 positions: 0°, +/- 90°, 180°

Tilting head at 45° and 90°



Template placed on top of the work piece

- speeds up the work preparation
- more power onto the tool
- faster cutting execution
- adaptable to all former models
- reduced footprint



SPECIFICATION

WORK TABLE

Work table 3.000 x 1.200 mm, made of natural stone, calibrated on the machine itself

WORK PIECE DIMENSIONS

- Height: max.140 mm, placed on suction cups (h=40 mm)
- Width: max. 1.650 mm
- Length: no limits

OPERATIONAL WORK STROKES:

- Profile tools: 3.550 x 1.470 mm
- Vertical cut: 3.550 x 1.540 mm (max.)
- 45° mitre cut: 3.350 x 1.270 mm
- Edge polishing: 3.400 x 1400 mm (max.)

FRAMEWORKS

- Tubular steel frame coated with ceramic and epoxy paint
- Dimensions: 4.000 x 2.000 x 1.950(h) mm
- Weight:1.220 kg

TEMPLATE ON TOP

Fixed by 4 suction cups Ø120 mm

OPERATING HEAD

- Electros spindle: 2.2 kW with internal lubrication.
- **Spindle:**
 - Stainless steel
 - Connection: ½" gas F
 - Rotation speed: from 1.500 to 12.500 rpm (controlled by vector drive)
- Vertical movement: automatic by electromotor
- Vertical stroke: 210 mm
- 9 spindle positions:
 - Vertical (for profiling and slot cutting)
 - 45° inclination (for disc cutting and bevel polishing) in 4 different positions: 0°, +/- 90°, 180°
 - Horizontal (for disc cutting and edge polishing) in 4 different positions: 0°, +/-90°, 180°
- Pneumatic lifting of the operating head
- Automatic internal and external tool lubrication (starts when motor is started).

ORTHOGONAL MOVEMENTS

- Adjustable to limit the work area
- Slide guides are equipped with adjustable mechanical limit switches.

VACUUM TO FIX THE WORKPIECE AND TEMPLATE

2 vacuum circuits with 6 connections each hold the work piece and template firmly in position:

- 2 Vacuum ejector pumps
- 2 Pressure regulators
- 2 Manometers
- 8 Suction cups work piece: no. 6 Ø90 mm, no. 2 Ø70 mm, can be excluded individually
- 4 Suction cups template: no. 4 Ø120 mm with internal thread
- Connection pipes: 4 m, Ø 6 mm

WATER CONNECTION

- Tool lubrication: internal through spindle and by 2 external water hoses
- Water pistol

SUPPLY

- Electrical power: 230 V–50/60 Hz single-phase (18A)
- Pneumatic: min. pressure 6 bar, 150 l/min
recommended: compressor minimum 4 kW, 300 l/min, 8 bar pressure
- Water: min. pressure 2 bar, 15 l/min