

REDLINE



The stone processing center ALL IN ONE



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

#### OPERATING AREA

- Work surface made of smooth stone calibrated by the machine itself
- Maximum length workable with profiling tools : 3000 x 1100 mm
- Max. length of straight cut with blade: 3000 mm
- Max. length of inclined 45° mitre cut with blade: 2800 mm
- Maximum length for edge polishing (also 45°): 3000 mm
- Maximum slab thickness for disc cutting: 40 mm for vertical cuts and 30 mm for 45° miter cuts
- Maximum slab thickness for profiling edge polishing: 60 mm (on vacuum cups)
- Maximum slab thickness for polishing flat edge: 80 mm (on table)

#### FRAMEWORK

- Tubular steel frame coated with ceramic and epoxy paint
- Dimensions: 3500 x 1700 x 1650 (h) mm
- Weight: 650 kg

#### TEMPLATE ON TOP

- Fixed by 4 suction cups Ø120 mm

#### STEEL LINEAR GUIDES

- Longitudinal movement: hardened, anti-corrosion treated, steel slide guides with recirculation balls block.
- Transversal movement: hardened, anti-corrosion treated, steel slide guides with recirculation balls block.

#### OPERATING HEAD

- Electrospindle: 2.2 kW (3HP) with internal lubrication.
- **Spindle:**
  - Stainless steel
  - Connection: 1/2" gas F
  - Rotation speed: from 1500 to 12500 rpm, with digital display on the control panel
  - Vertical movement operated by a hand crank
  - Vertical stroke: 100 mm
  - 3 spindle modes:
    - Vertical (for profiling and slot cutting)
    - 45° inclination (for disc cutting and bevel polishing)
    - Horizontal (for disc cutting and edge polishing)
- Manual lifting and locking the operating head
- At the start of the spindle motor the internal water lubrication is activated automatically

#### ORTHOGONAL MOVEMENT

- Slide guides are equipped with adjustable mechanical limit switches.

#### VACUUM SYSTEM TO FIX THE WORKPIECE AND TEMPLATE\*

1 vacuum system with 8 connections to hold the work piece and template firmly in position:

- Vacuum ejector pump
- Pressure regulator
- Manometer
- 4 Suction cups work piece: Ø90 mm, can be excluded individually
- 4 Suction cups template: Ø120 mm with internal thread
- Connection pipes: 4 m, Ø 6 mm
- Compressed air gun

\* required: minimum 6 bar pressure, 150 l/min, recommended: compressor minimum 4 kW, 300 l/min, 8 bar pressure

#### WATER CONNECTION\*

- Tool lubrication: internal and external by water hoses
- Water gun

\* required: minimum 2 bar pressure, 15 l/min

#### SUPPLY

- Electrical power: 230 V–50/60 Hz single-phase (16A)
- Power unit: IP 65 drive according to CE standards (low tension controls on the control panel)

#### STANDARD SUPPLY

- 1 tool holder 1/2" gas – M12 free turning toucher ring
- 1 tool holder 1/2" gas - Ø 22,2 mm free turning toucher ring
- Toucher rings Ø 37 and Ø 39 mm
- Blade guard and flange Ø 60 mm
- Compressed air, water and grease guns
- Use and maintenance manual
- Service wrenches
- Waterproof apron
- Screws and bolts
- Spare fuses