

ghinesgroup



CNC workcentre



The Sysmatic **drills, cuts, shapes and polishes work pieces also longer than 3500 mm**. A software option allows to write and to engrave bas-relief. The reduced overall dimensions of the machine require only a small area and the installation is of very ease, without any structural works.



SYSMATIC 380V/50-60Hz three-phase
Art. 9915SYM4-T09

SYSMATIC 220V/50-60Hz three-phase
Art. 9915SYM2-T09

Packing: shrink-wrapping: 2200 x 1300 x 1300 mm, kg 480

SPECIFICATION

WORK TABLE

- Work table: spaced aluminum profiles to allow mechanical fixing
- Strokes:
 - 'z' vertical: 150 mm
 - 'x' longitudinal: 840 mm
 - 'y' transversal: 700 mm
- Slab dimensions :
 - thickness 50 mm max. (on suction cups)
 - thickness 100 mm max. (on work table)
 - width 1.200 mm max.
 - length no limits
- Workpiece dimensions
 - table (round, oval, square): 750x600 mm
 - cut outs (round, oval, square): 880x700 mm

STRUCTURE

- Basement, upper structure, bridge processed steel, protected by ceramic and epoxy paint
- Dimensions and weight: 2200 x 1300 x 1300 mm – 480 kg

LINEAR GUIDES

- Tempered and passivated steel
- Linear guides with 4 rows of recirculating balls

CARTER AND PROTECTION

- Stainless steel

OPERATING HEAD

- Electro spindle 2,2 kW (3HP)
- **Spindle:**
 - Stainless steel
 - Fixing: 1/2" gas F
 - Rotation: 1500 - 13800 rpm
 - Internal and external lubrication

WORKPIECE FIXING

- Vacuum system:
 - Vacuum pump
 - 2 suction cups Ø180mm
 - 2 suction cups Ø120mm
 - 2 suction cups Ø92mm
- Mechanical fixing blocks, adjustable in two directions

MOVEMENT OF THE AXIS

- PLC controlled stepper motor

WATER

- Tool lubrication: internal and by 2 external water nozzles
- Water gun
- Water supply: min. 15 l/min.

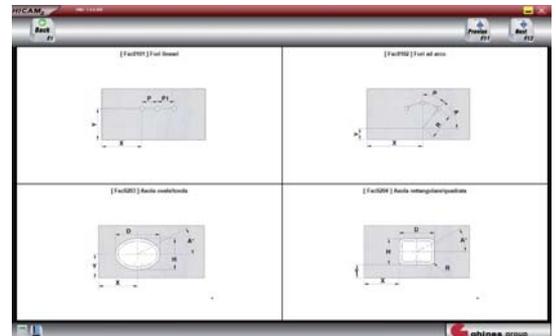
SUPPLY

- Electrical: 380V 50/60 Hz three-phase (20A) or 220V 50/60 Hz three-phase (25A)
- Pneumatic: 6-10 bar pressure
- Air: 150 l/min
- Water: min. 2 bar pressure

STANDARD EQUIPMENT

- 1 tool adapter, Ø 22,2 mm
- 1 tool adapter, Ø 35 mm - h20 mm
- User and Maintenance Manual
- Fuses and screws
- Service wrenches
- Apron
- Suction cups
- Compressed air, water and grease guns

Completely accessible software



The Sysmatic is supplied with own software developed by Ghines Group. By use of macros, it unifies functionality and ease of use.