


The Kitchen / Vanity Top Maker

Horizontal template-holder
assuring absence of vibrations

220 Volt
single-phase




Guides with adjustable devices
limiting the operating area

No. 8 suction cups locking the workpiece, operated from the control panel




Multifunctional manual stone working unit

SYSTAR is a simple and performing solution for the most frequent jobs: **shaping and polishing internal and external contours (with or without template) on every kind of profile; holes, sink cut-outs and recess drains; grooves (inclined and flat), slots on edges (linear and shaped)...** This way, you can simply process vanity tops, arches, sills, steps, gravestones, etc.

The operating head, driven by a powerful and reliable electro-spindle, works with internal and external lubrication. The double lubrication, together with an extreme easiness in the change of tool-holder, makes possible the use of whatever tool. SYSTAR operating head is set on high precision orthogonal guides, and three digital displays show in real time the tool position on the three -x , -y and -z axis.



Easy to install: no masonry required

Spindle equipped with double lubrication system: internal for CNC tools and external for any kind of tooling for portable routers

Control panel



SPECIFICATIONS

Operating area

- Work surface: 2500 x 1000 mm
- Workpiece allowed height: max 50 mm on suction cups

Framework

- Tubular steel frame coated with poliurethan paint
- Dimensions (template-holder raised): 3100 x 1650 x 2360 mm (depth 1600 mm with template holder bent)
- Weight: 900 kg

Operating head

- Motor: electrospindle 2.2 kW
- Spindle:
 - Stainless steel
 - Connection: 1/2" gas F
 - Rotation speed: from 1500 to 12500 rpm (varied by vectorial inverter)
- Vertical micrometric movement operated by gear motor, displayed in real time on digital readout (with reset function – tolerance 0,01 mm or 0,001 inch)
- Vertical stroke: 100 mm
- Pneumatic system for lifting and locking the operating head
- Tool lubrication automatically activated when the engine is turned on

Pneumatic system

- No. 8 suction cups (4 on each side) locking the workpiece, operated from the control panel. All cups are individually excludible
- Suction device for cornices manufactures (optional)
- Locking of the operating head in both orthogonal guidelines (The mechanical end-strokes are adjustable)
- Pneumatically operated lift-up of the head

Feeding

- Supply tension: 230 V–50/60 Hz single-phase
- Pneumatic pressure: 6 bar
- Air waste: 120 L./min
- Water pressure: min. 2 bar

Standard equipment

- 3 connections for inside lubricated Ø 35 mm tools and 1 connection Ø 22,2 for external lubricated tools
- Use and maintenance manual
- Service wrenches
- Waterproof apron



Control panel

(24 V AC low tension controls)

- No. 2 knobs for the micrometric adjustment of the operating head on –x and –y axis with real time display on digital readouts
- Hardened, anti-corrosion treated, steel slide guides with recirculation balls block. Easy operated greasing
- Spindle r.p.m. speed adjustment, with real time display on the digital tachometer
- Vacuum system for the locking of the piece on the workbench monitored by pressure gauge and operated by selector of suction cups (on, off, release) on the control panel
- Motorized adjustment of the spindle vertical motion, displayed in real time on digital readout located on the operating head
- 2 digital readouts displaying in real time the orthogonal motions of the operating head, with reset option.
- Pneumatic buttons for the lock of the operating head sliding motions on –x and –y axis



www.ghines.com

