

CNC portal machining centre WPC 2013/2513 with CNC control SIEMENS

WPC 2013 Order no. 520870 WPC 2513 Order no. 520880



ALL HIGHLIGHTS AT A GLANCE

- Belt-driven spindle
- BT 50 with 6,000 rpm
- Tool changer, 24 positions
- 2 chip conveyors (screw conveyors) and transverse chain conveyor
- Complete coolant system
- Recirculating ball screws with bearing on both sides in the X-, Y- and Z-axis
- Flat guide in the Z-axis
- Housing with 2 sliding doors and viewing window made of safety glass
- 1 set of adjustable feet with levelling screws
- Toolbox with operating tools
- CE standard
- Complete electrical equipment 400 V / 50 Hz

Further information on the machine series and numerous accessories can be found on our website:
<https://www.wagner-maschinen.de/en/milling/cnc-portal-machining-centers>

TECHNICAL DATA

Table

- Size 2,200 x 1,100 / 2,700 x 1,300 mm
- T-slots (number/size/distance) 22 x 7 x 150 / 22 x 8 x 200 mm
- Load 6,000 kg

Traverse paths

- Table movement, X-axis, 2,000 / 2,500 mm
- Portal, Y-axis, 1,300 / 2,000 mm
- Vertical movement, Z-axis, 800 / 900 mm
- Distance spindle – table surface min./max. 150-950 / 150-1,050 mm
- Distance between columns 1,350 / 1,700 mm

Spindle head

- Spindle taper SK 50 DIN 69871
- Infinitely programmable speed range 6,000 rpm

Motors

- Heidenhain / Siemens: Spindle motor 15 / 18.5 kW
- Automatic feed and rapid traverse
- Feed 1-7,000 mm/min
- Rapid traverse, X-, Y- and Z-axis, 12 / 12 / 10 m

Tool

- 24 tool magazine positions
- Max. tool diameter 100 / 200 mm / 125 / 220 mm
- Max. tool length 300 / 350 mm
- Max. tool weight 15 kg
- Tool change time 2.5 sec
- Machine weight 19,000 kg
- Dimensions (LxWxH) 6,100 x 3,100 x 4,100 mm

STANDARD EQUIPMENT

- Belt-driven spindle
- SK 50 with 6,000 rpm
- Automatic double-arm tool changer with 24 positions
- Spindle oil cooler
- 2 chip conveyors (screw conveyors) and transverse chain conveyor
- Complete coolant system
- Flat guide in the Z-axis
- Linear guides in the X-/Y-axis, PMI / HIWIN
- Recirculating ball screws with bearing on both sides in the X-, Y- and Z-axis
- Control indicator light
- Housing with 2 sliding doors and viewing window made of safety glass
- 1 set of adjustable feet with levelling screws
- Toolbox with operating tools
- Documentation for machine and control unit
- CE standard
- Electrical equipment 400 V / 50 Hz

SPECIAL EQUIPMENT

- Surcharge for SIEMENS 828 high-resolution 15.6-inch screen
- Cooling through the spindle, 20 bar, with cartridge
- Air through the spindle
- Lower price for SK40 8,000 rpm instead of SK50
- Higher price for SK 50 / 8,000 rpm
- Stronger motor 22 / 28 kW
- Manual head 90° – SK 40
- Extension of Z-axis travel up to 1,250 mm
- Tool changer for 32 stations for SK 50
- Tool changer for 40 stations for SK 50
- Gearbox Stober torque
- Full enclosure

DETAIL PICTURES



Table



tool changer



Basic structure without enclosure

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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.