

CNC PORTAL MACHINING CENTRE WPC 2018/3018/4018 with CNC control SIEMENS

WPC 2018/3018/4018 Order no. 520843/520844/520845



ALL HIGHLIGHTS AT A GLANCE

- 2-axis head
- Extremely large transverse travel
- Tool changer – cooling through spindle

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 2,000 x 1,500 / 3,000 x 1,500 / 4,000 x 1,500 mm
- T-slots (number/size/distance) 22 / 7 / 200 mm
- Load 8,000 / 12,000 / 12,000 kg

Traverse paths

- Table movement, X-axis, 2,000 / 3,000 / 4,000 mm
- Portal, Y-axis, 1,800 mm
- Vertical movement, Z-axis, 900 mm
- Distance spindle – table surface min./max. 150-1050 mm
- Distance between columns 1,800 mm

Spindle head

- Spindle taper SK50
- Infinitely programmable speed range 6,000 rpm

Motors

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

Tool

- 24 tool magazine positions
- Max. tool diameter 100 / 200 mm
- Max. tool length 300 mm
- Max. tool weight 15 kg
- Tool change time 2.5 sec
- Machine weight 19,000 / 23,000 / 27,000 kg

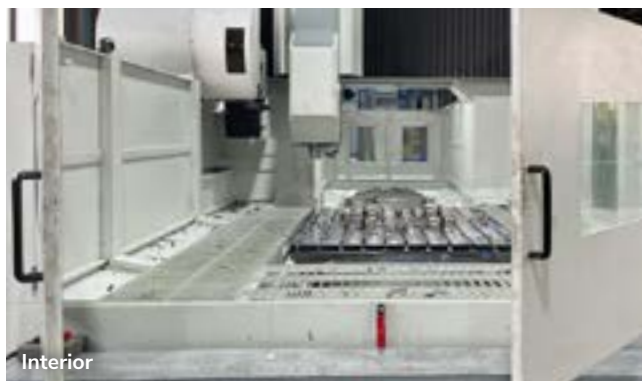
STANDARD EQUIPMENT

- Belt-driven spindle
- SK 50 with 6,000 rpm
- Automatic double-arm tool changer with 24 positions
- 2 chip conveyors (screw conveyors) and transverse chain conveyor
- Flat guide in the Z-axis (2018 / 3018)
- Z-axis 4-linear guides (4018)
- Recirculating ball screws with bearing on both sides in the X-, Y- and Z-axis
- Complete coolant system
- Linear guides in the X- and Y-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
- Complete electrical equipment 400 V / 50 Hz
- Documentation for machine and control unit
- CE standard

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



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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.