

## CNC VERTICAL MACHINING CENTRE WMC 600L / 800L / 1100L

WMC 600 L/800 L/1000 L with SIEMENS 828 Basic Shopmill **Order no. 520406/520400/520407**

WMC 800 L with SIEMENS 828 Basic Shopmill Sonderpaket **Order no. 520400S**



### ALL HIGHLIGHTS AT A GLANCE

- Spindle drive: Play-free direct drive over belt
- Double-arm changer with 1,5 sec change time
- Column: Large clamping width of the linear guides
- Large table with 3/5 T-slots
- Saddle: Large guide of the table
- Base body: Solid cast iron construction with large footprints
- Linear guides of class C3 in all 3 axes
- Cooling through the spindle, with 15 bar
- Central lubrication
- Chip conveyor with lateral screw conveyor upon request
- Enclosure: Compact design with one door, control **Spanel** laterally ergonomically integrated
- Drive package aligned with control unit
- Control system: SIEMENS

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

## TECHNICAL DATA

### Table

- Clamping surface  
800 x 400 / 1,000 x 460 / 1,200 x 550 mm
- T-slots 3 x 14 / 5 x 18 / 5 x 18 mm
- Table load 300 / 500 / 600 kg

### Traverse paths

- Longitudinal movement:  
X-axis travel 600 / 800 / 1,130 mm
- Cross movement:  
Y axis travel 400 / 500 / 570 mm
- Vertical movement:  
Z-axis travel 450 / 550 / 570 mm
- Distance spindle nose – table surface  
100-550 / 150-700 / 130-700 mm
- Spindle centre – column 450 / 550 / 630 mm

### Spindle head

- Spindle taper SK 40 DIN 69871
- Spindle speed, infinitely programmable
- Speed range 80-10,000 rpm min.
- Drive and motors

- Spindle motor SIEMENS S6 40% 11 / 13 / 15 kW
- Spindle motor SIEMENS S1 100%  
5.5 / 7.5 / 11 kW
- Automatic feed and rapid traverse
- Feed, X/Y/Z, 10,000 mm/min
- Rapid traverse, X/Y/Z,  
24,000/24,000 / 48,000 mm/ min

### Tool

- Number of tool magazine positions 16 / 24 / 24
- Tool holder DIN 69871 A SK 40
- Tool Ø max. 89 mm
- Tool weight max. 7 kg
- Tool change time 2 sec
- Time from machining to machining 7 sec
- Repeat accuracy VDI 3441, PS, +/- 0.007 mm
- Positions VDI 3441 P +/- 0.010 mm
- Machine weight 3,500 / 5,000 / 7,000 kg
- Dimensions (LxWxH)
- WMC 600 L 2,100 x 1,700 x 2,240 mm
- WMC 800 L 2,620 x 2,080 x 2,525 mm
- WMC 1000 L 3,200 x 2,350 x 2,525 mm

## STANDARD EQUIPMENT

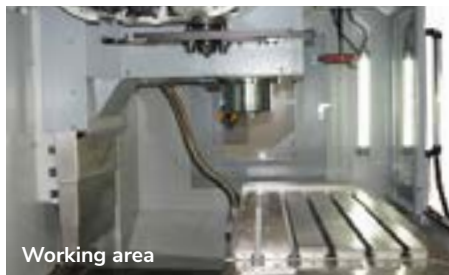
- Electrical equipment 400 V / 50 Hz
- Full machine enclosure with doors
- Automatic double-arm tool changer, 16 stations  
WMC 600L
- Automatic double-arm tool changer, 24 stations  
WMC 800L / 1100L
- Linear guide in all 3 axes
- Complete coolant system

- Automatic central lubrication
- Spindle blow-out device
- Machine light
- Indicator light
- Machine feet with levelling screws
- Tool box with operating tools
- Documentation
- CE standard

## SPECIAL EQUIPMENT

- Spindle oil cooler
- Hinged belt chip conveyor
- Screw conveyor
- Cooling through the spindle
- 4. axis
- Automatic tool measurement

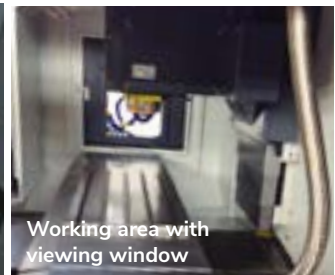
## DETAIL PICTURES



Working area



Working area with open door



Working area with viewing window



Tool changer with work spindle



table



Switch cabinet with heat exchanger

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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.