

CNC vertical machining centers WMC 600 L / 800 L / 1100 L

WMC 600 L / 800 L / 1000 L with SIEMENS 828 Basic Shopmill Nr.: 520406/ 520400/ 520407

WMC 800 L with SIEMENS 828 Basic Shopmill Special package Nr. 520400S

WMC 600 L / 800 L with Heidenhain TNC 620 control Nr.: 520361/ 520362

These high-performance CNC vertical machining centers were specially developed to meet the constantly growing demands in machining.



Technical specifications:

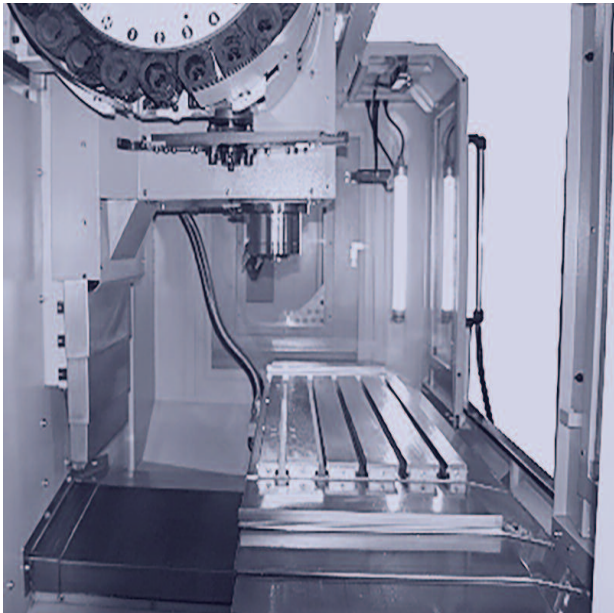
Clamping surface, mm	800x400/1000x460/1200x550
T - slots, mm	3x14 / 5x18 / 5x18
Table load, kg	300 / 500 / 600
X-axis travel, mm	600 / 800 / 1130
Y-axis travel, mm	400 / 500 / 570
Z-axis travel, mm	450 / 550 / 570
Distance spindle-table, mm	100-550/150-700/130-700
Spindle center stand, mm	450 / 550 / 630
Spindle taper	SK 40 DIN 69871
Spindle speed, infinitely programmable	
Speed range, rpm	80-10.000
Spindle motor SIEMENS S6 40 %, kW	11/13/15
Spindle motor SIEMENS S1 100 % kW	5.5/7,5/11
Feed X/Y/Z, mm/min.	10.000

Rapid traverse X/Y/Z, mm/mir	24.000 /24.000/ 20.000
Number of magazine locations	16/24/24
Tool holder DIN 69871 A	SK 40
Tool-Ø, max., mm	89
Tool weight, max., Kg	7
Tool change time, sec.	2
Chip-to-chip time, sec.	7
Repeatability VDI 3441, PS, mm	+/- 0,007
Positioning. VDI 3441, P/ 300 mm	+/- 0,010
Machine weight, ca., kg	3500/5000/6000
Dimensions (L x W x H), mm	
WMC 600 L	2100 x 1700 x 2240
WMC 800 L	2620 x 2080 x 2525
WMC 1000 L	3200 x 2350 x 2525

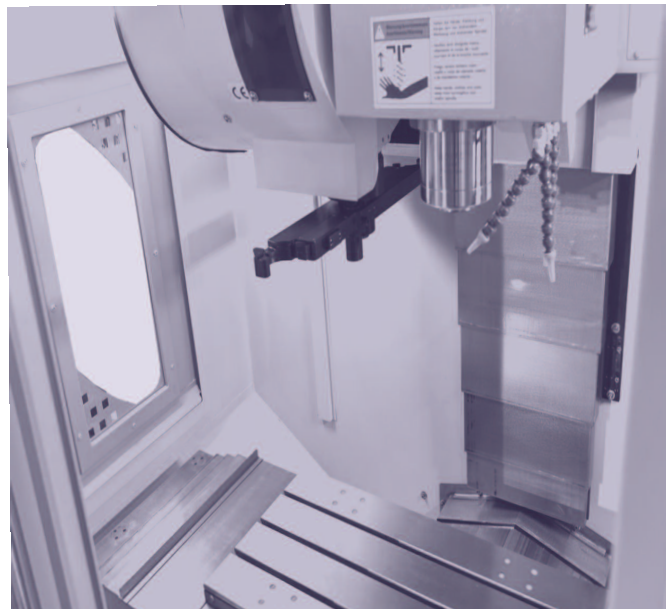


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- Spindle drive: Backlash-free direct drive via belt
- Double arm changer with 1.5 sec changing time
- Stand: Large span of the linear guides
- Large table with 3/5 T - slots
- Saddle: wide guidance of the table
- Basic body: solid cast construction with wide installation dimensions
- Class C3 linear guides in all 3 axes
- Cooling through the spindle at 15 bar
- Central lubrication
- Chip conveyor with screw conveyor on the side on request
- Enclosure: compact design with one door, ergonomically integrated control panel on the side
- Drive package matched to the control
- Control: SIEMENS, FANUC, Heidenhain TNC 620 (WMC 600 L + 800 L)



working space



Work area - viewing window

Standard equipment:

- Electrical equipment 400 V. / 50 Hz.
- Full machine cladding with doors
- Automatic double arm tool changer 24 stations (WMC 800 L / 1100 L)
- Plate changer 16 stations (WMC 600 L)
- Linear guides in all three axes
- Complete coolant system
- Automatic central lubrication
- Blow-out device for the spindle
- Machine light and indicator light
- Machine feet with leveling screws
- Tool box with operating tools
- Documentation
- CE standard

Special accessories

- Spindle oil cooler
- Chip conveyor
- Preparation for cooling through the spindle
- Cooling through the spindle
- 4th axis
- Automatic tool measurement