

CNC HORIZONTAL MILLING MACHINES

Series Heavy-duty machining WHB

HIGHLIGHTS

- Horizontal spindle
- Vertical head
- Automatic vertically integrated rotary table
- Tool changer
- Large vertical travel



TECHNICAL DATA AT A GLANCE

Machine type	x-z-y mm		 min ⁻¹	 kg	 kW
WHB 1000	1.400x900x1.000	24-60	SK40: 8.000 SK50: 6.000	15.000	15/18,5
WHB 2150	2.150x1.400x1.100	24-60	SK40: 8.000 SK50: 6.000	21.000	15/18,5
WHB 2600	2.600x1.400x1.100	24-60	SK40: 8.000 SK50: 6.000	23.000	15/18,5
WHB 3200	3.250x1.400x1.100	24-60	SK40: 8.000 SK50: 6.000	25.000	15/18,5

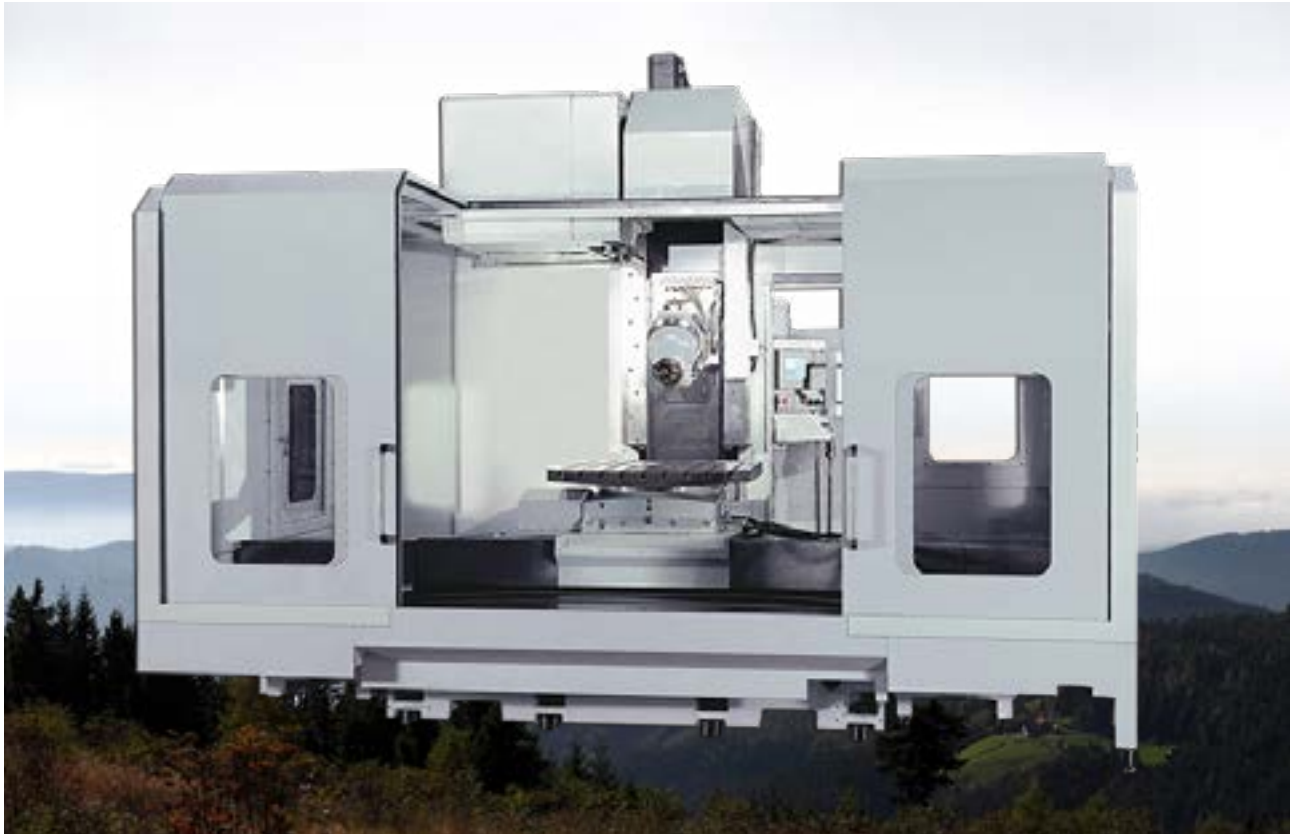
The WHB series is specially designed to meet the flexible requirements of customers in the heavy-duty machining sector. The machine consists of a heavy cast iron construction with corresponding diagonal ribbing. This guarantees vibration-damping properties and absolute machining quality through the design of the machine.

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

CNC HORIZONTAL MILLING MACHINE WHB 1000/2150/2600/3200

WHB 1000/2150/2600/3200 with SIEMENS 828 D + Shopmil

Order no: 510811/510825/510826/510827



ALL HIGHLIGHTS AT A GLANCE

- Heavy cast body and all 3 axes equipped with wide, symmetrically arranged flat guides
- Large working range, up to 3.200 mm (X), 1.400 mm (Y) and 1.100 mm (Z)
- The combination of options makes it possible to processing of up to 5 pages is possible
- Standard with horizontal spindle output SK 50 with ZF gearbox
- Tool changer 32 positions vertical or horizontal (option) possible
- Integrated worktable for multi-sided machining machining, 'boring mill similar' (option)
- CNC rotary table for use on the table mounted, removable (option)
- Automatic horizontal-vertical milling head (option)
- Manual universal milling head, removable (option)
- Full enclosure with 2 large doors that allow allow optimum loading
- With horizontal spindles, cooling through the spindle is possible
- Chip conveyor with integrated screw conveyor to the front and one or two from size 2600) hinged belt conveyor with lateral ejection

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TECHNICAL DATA

- Table dimensions, mm
WHB 1000 1.500x700
WHB 2150 2.200x1.220
WHB 2600 2.650x1.220
WHB 3200 3.250x1.220
- T-slots: Number, width, depth, mm
WHB 1000 5/18/125
WHB 2150 2.600/3.200 7/22/125
- max. table load, kg 2.000/4.000/4.500/5.000
- Longitudinal axes X, mm 1.400/2.150/2.600/3.250
- Crossway Z, mm 1.000/1.100/1.100/1.100
- Vertical travel Y, mm
WHB 1000 900/1.400 mm
WHB 2150/2600/3200 1.400 mm
- Drive power, S1 15 kW
S6/40% 18,5 kW
Spindle taper SK 50
- Ball screw X/Y/Z, mm
WHB 1000 50/50/50 mm
WHB 2150/2600/3200 63/50/63 mm
- Speed range, variable, rpm 6.000
- Torque, Nm 112,6
- Torque with ZF transmission, Nm 450,4
- Feed range X/Y/Z mm/min. 1-5.000
- Rapid traverse X/Y/Z m/min 10
- Gewicht, ca., kg 15.000/21.000/23.000/25.000

STANDARD EQUIPMENT

- Horizontal spindle output SK 50, DIN 69871
- ZF gearbox with oil cooler
- Hinged belt chip conveyor with lateral ejection from the WHB 2600, with two conveyors with right and left ejection in the machine interior interior, integrated spiral conveyor to transport the chips to the front
- Full machine housing with doors
- Complete coolant system
- Automatic central lubrication
- Spindle blow-out device
- Indicator light
- Machine light
- Adjusting plate with levelling screws
- Tool box with operating elements
- Electrical equipment 400 V./50 Hz.
- Documentation
- CE standard

SPECIAL EQUIPMENT

- Vertical height increase to 1.400 mm (WHB 1000)
- Cooling through the spindle (horizontal spindle)
- CNC rotary table Ø 800 mm (removable)
- Indexing table 1.200x1.200 mm integrated
- Angled plate table 630x630x450 mm
- Automatic tool changer 32 positions with double arm in horizontal design
- Manual universal milling head (removable)
- Automatic vertical-horizontal milling head

DETAIL PICTURES



Machine table



Telescopic cover



Front view

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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.

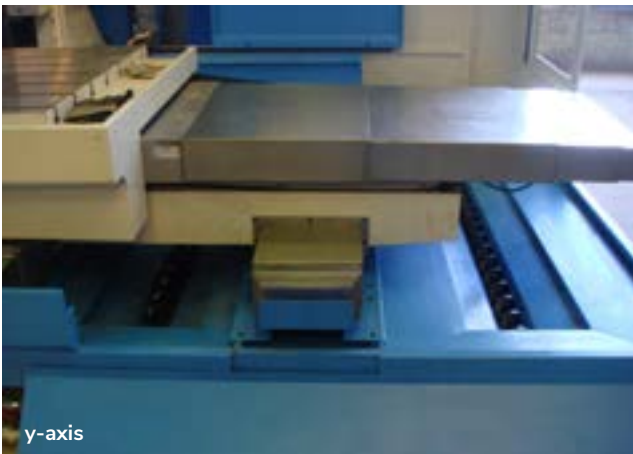
DETAIL PICTURES



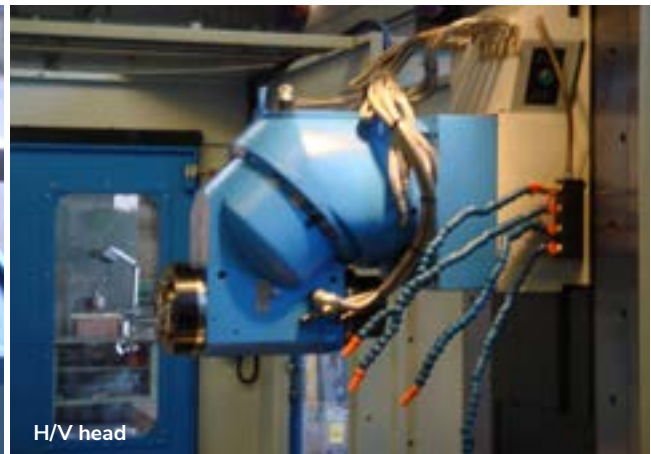
Tool changer



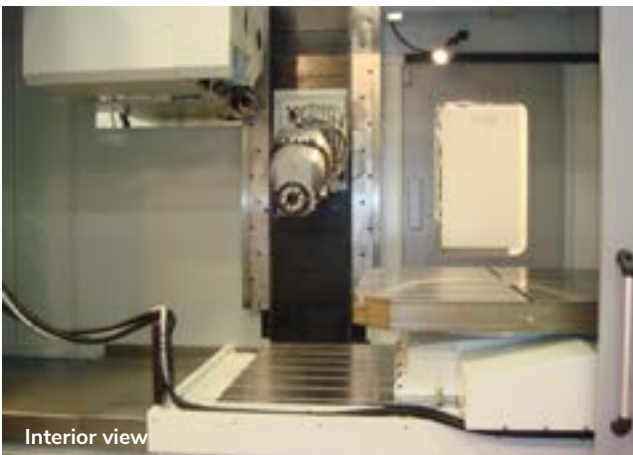
Control system



y-axis



H/V head



Interior view



Integrated rotary table



Interior view



Interior view

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