

CNC TRAVELLING COLUMN MACHINING CENTRE

BFM 580x2500/3000/4500/6500/8500/10000

BFM 580x2500 SIEMENS 828 D Order no. 620082
BFM 580x3000 SIEMENS 828 D Order no. 620095
BFM 580 x 8500 and BFM 580 x 10000 auf Anfrage

BFM 580x4500 SIEMENS 828 D Order no. 620084
BFM 580x6500 SIEMENS 828 D Order no. 620086



ALL HIGHLIGHTS AT A GLANCE

- Compact design
- Cast iron construction
- Travelling column machine
- Pendular processing
- Movable tool changer
- Optimal accessibility
- Chip conveyor
- Integrated pneumatic connections for clamping devices
- Processing options:
 - 3-side 180° processing
 - 4-side clocked rotary tables 1-side or
 - 3-side +/- 110° processing

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

TECHNICAL DATA

Table

- Clamping surface 2,500 / 3,000 / 4,500 / 6,500 x 650 mm
- T-slots 6 x 18 x 100 mm
- Table load max. 2,000 / 4,000 / 5,000 / 6,200 kg

Traverse paths

- Longitudinal movement
X-axis, 2,500 / 3,000 / 4,500 / 6,500 mm
- Cross movement, Y-axis, 580 mm
- Vertical movement, Z-axis, 450 mm
- Distance spindle nose – table 130-580 mm

Spindle head

- Spindle taper SK 40
- BT 40 / HSK 63 A free of charge on request
- Speed range 10,000 rpm
- Spindle motor Siemens S6 60% 18 kW / S1 100% 9 kW
- Total connected load 35 KVA

Tool

- 24 tool magazine positions
- Tool holder SK 40
- Max. tool diameter 350 mm
- Max. tool diameter 75 / 150 mm
- Max. tool weight 8 kg
- Tool change time 7 sec
- Automatic lubrication system

Automatic feed and rapid traverse

- Feed range, X-, Y- and Z-axis 1-15,000 mm/min
- Rapid traverse X-, Y-, Z-axis
60,000 / 28,000 / 28,000 mm/min.
- Repeat accuracy 0.05 mm
- Positioning accuracy X +/- 0.01 / 500 mm
- Positioning accuracy Y/Z +/- 0.01 / 300 mm
- Chip conveyor: Hinged conveyor
- Dimensions
5,600 / 6,900 / 7,600 / 9,600 x 3,000 x 3,300 mm
- Weight 12,000 / 13,500 / 16,000 / 19,000 kg

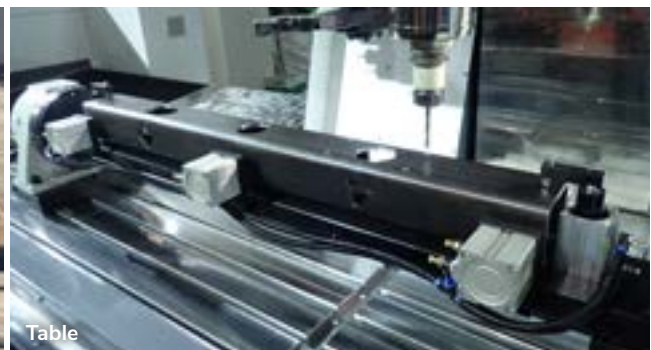
STANDARD EQUIPMENT

- Spindle SK 40, 10,000 rpm
- Double-arm tool changer, 24 positions
- Full enclosure, open at the top for crane loading
- 6x energy supply for pneumatic clamping device
- Metal cover of the guides in the working area
- Tapping without compensation chuck
- Meldeleuchte und automatische Abschaltung
- Indication light and automatic switch-off
- Machine light
- Compl. coolant system
- Front hinged chip conveyor with carriage
- Operating tool
- Documentation
- CE standard

SPECIAL EQUIPMENT

- Preparation for cooling through the spindle for later attachment
- Preparation for 4th axis for later attachment
- Preparation for linear scales for later attachment
- Pendular processing with safety circuit
- Cooling through the spindle, 20 bar, with splash guard
- 4th axis, rotary table (resolution 0.001°)
- Ø 250 mm – CNC 250 R incl. automatic clamping, removable over clutch
- Counter support with pneum./hydr. clamping TSA 251S for CNC 250 rotary table
- Hydraulic unit for hydraulic clamping
- Surcharge for Heidenhain control unit TNC 620

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.