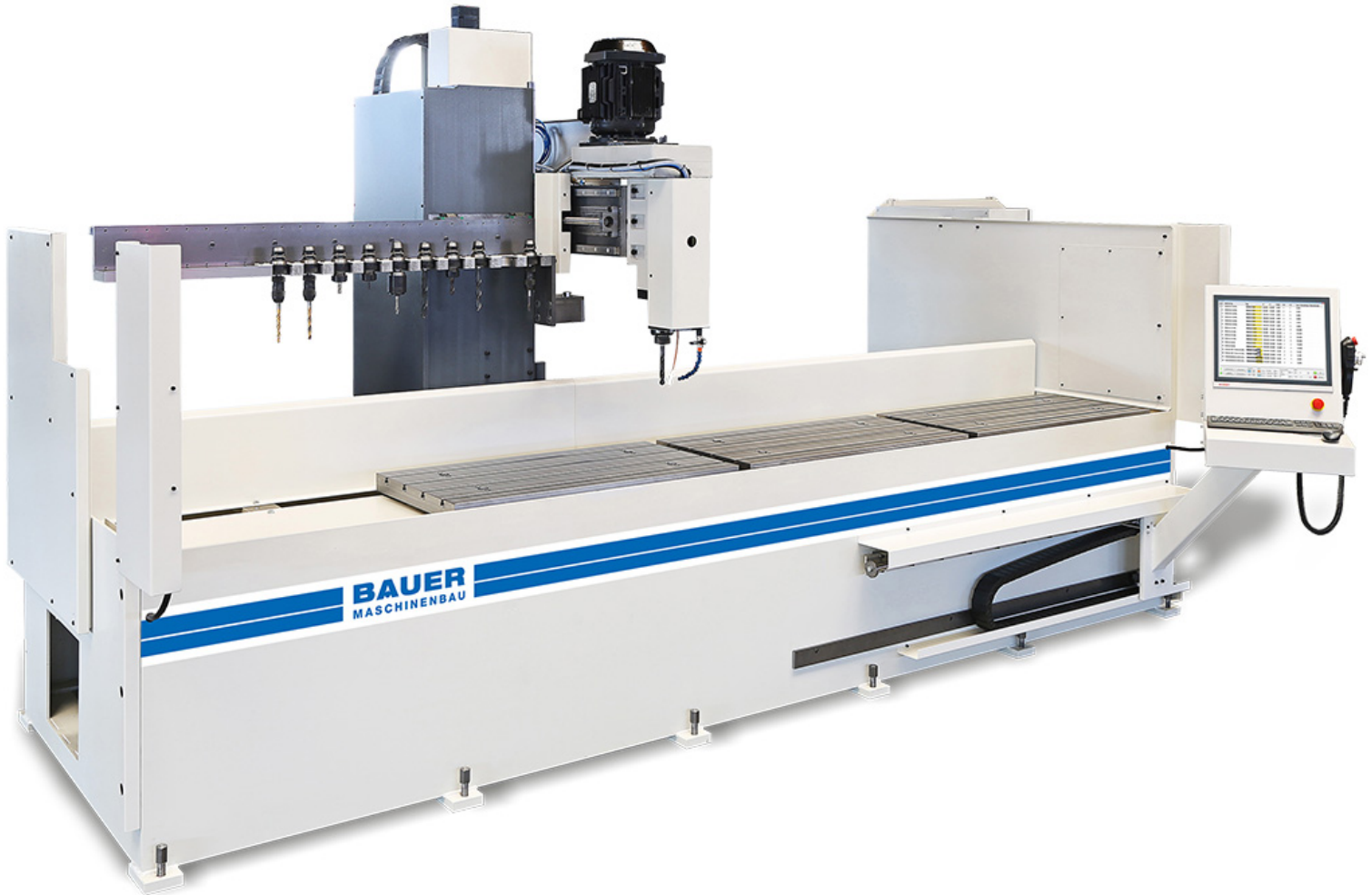


BAUER BOHRMAX Z50 CNC DRILLING MACHINE

Pictured with optional automatic tool change system

Fully manufactured in Germany, the Bohrmax is a long bed CNC drilling and milling machine, suitable for many different applications. Featuring a range of models from 2 metre up to 8 metre bed length the Bohrmax can clamp a variety of different section on the machine bed and perform drilling, tapping, milling and flow drilling functions from a program. The CNC control has an easy to use interface which requires little training to get started or can optionally import from DXF files. Other optional items include a ten station tool changer and manual or hydraulic vices.

FEATURES

- Cost effective and compact CNC drilling system
- 18" touch screen CNC control for all machine functions
- Tool database for boring tools, with dimensions, speed and feed rates
- Fixed table with drilling head moving on linear rails with servo motor drive in X axis
- Ballscrew and servo motor drive in Y and Z axes
- Rapid traverse in all axes
- Variable drilling speed
- Program memory for processed components
- 40mm drilling and M30 tapping capacity with 7.5kW drive motor
- Milling capability
- Coolant system

OPTIONS

- Hand held RCS01 control for zero point setting
- BT40 tool holders instead of standard SK40
- 10 station automatic tool change system with LAIP tool holders
- Automatic tool length measurement and material height scanning
- Software for DXF import and control of milling and flow-drilling programs
- Manual vices and hydraulic vices
- Table support rollers
- Fixed and variable angle drilling heads
- System for drilling handrails at a rake angle for staircases
- Spray mist coolant system as well as standard flood coolant system
- Additional coolant systems for coolant fed drills and flow-drilling
- Swarf conveyor
- Coolant splash guard
- Movable light barrier for operating area, allowing loading while processing

TECHNICAL INFORMATION

MODEL	Bohrmax Z50	
Drilling Head Travel - X Axis	mm	5000
Drilling Head Travel - Y Axis	mm	580
Drilling Spindle Travel - Z Axis	mm	700
Drilling Capacity	mm	3 - 40
Tapping Capacity	M	4 - 30
Drilling Speed Range	RPM	140 - 2300
X axis Rapid Traverse	m/min	24
Y axis Rapid Traverse	m/min	7.5
Z axis Rapid Descent	m/min	7.5
X axis Tolerance	mm	+/- 0.1
Y and Z Axis Tolerance	mm	0.06
Table Width	mm	560
Underside of Tool Holder to Table Surface	mm	700
Table Tee Slots	M	12
Motor	kW	7.5
Length	mm	TBA
Width	mm	TBA
Height	mm	TBA
Weight	kg	TBA

OTHER IMAGES



Pictured with optional vice



Pictured with optional vices and bed rollers