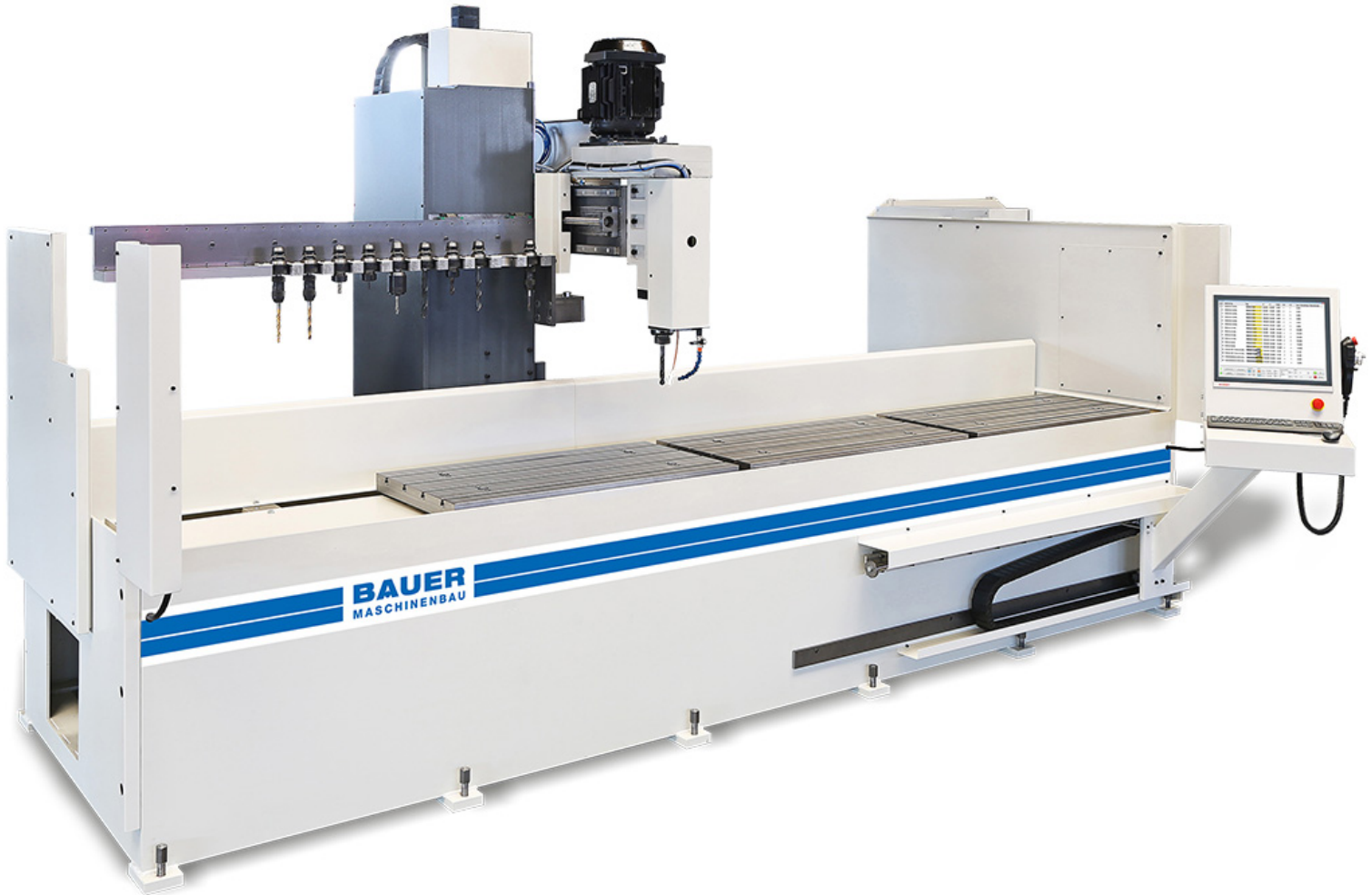


BAUER BOHRMAX Z70 CNC DRILLING MACHINE

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 Z70 | |
|---|-------------|------------|
| Drilling Head Travel - X Axis | mm | 7000 |
| 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