Bauer Bohrmax CNC Automatic Drill and Mill

The Bohrmax is a 3 axis drilling head system which can drill and mill the top surface of almost any material. The machine is of a robust design with proven German engineering components and a heavy structure to suit the engineering and fabrication industry. It is simple to use with very little CNC knowledge required.

An operator can be imported via a DXF or CSV file. A qualified engineer can program parts quickly and simply making it not only ideal for large quantity production but also for one-off workpieces. An option is available to enable data to be imported via the USB port in DXF or CSV file format.

Experience has proved that it is quicker to load a job with as few as two holes onto the Bohrmax and program it, rather than mark and drill by hand. To further speed up production, especially where the workpiece requires different sized holes and milled parts, the ten tool magazie and changer is available as an option.

Features

- Spray Mist Lubrication System or conventional coolant
- Front Light Barrier
- Rear access guarding
- 18″ Touch Screen Control
- Line-by-line programming

Technical Specification

MODEL	Bohrmax Z
Drill Head (RPM)	140-2000
Servo Motor (Axis)	x + y + z axis
Rapid Traverse X Axis (m/min)	20
Rapid Traverse Y Axis (m/min)	20
Rapid Traverse Z Axis (m/min)	20
Distance: Table Top to Chuck (Bottom Side) (mm)	700
Width (mm)	560
T-slots (m)	14
Drill Diameter (mm)	Mar-32
Tapping Capacity (mm)	>20
X Axis Tolerance (mm)	0.1
Y & Z Axis Tolerance (mm)	0.1
Drill Head Motor (kW)	4

MODEL	Travel X-Axis (mm)	Travel Y-Axis (mm)	Travel Z-Axis (mm)
Bohrmax Z 20	2000	580	650
Bohrmax Z 30	3000	580	650
Bohrmax Z 40	4000	580	650
Bohrmax Z 50	5000	580	650
Bohrmax Z 60	6000	580	650
Bohrmax Z 70	7000	580	650
Bohrmax Z 80	8000	580	650

Options

- Hydraulic Vice Support
- Support Rolls
- Tool Changer for 10 tools
- 7.5kw Motor required for milling purposes
- Data import from DXF or CSV files
- Rear and Side fences
- Chip conveyor
- Manual control pendant
- Automatic material height scanner