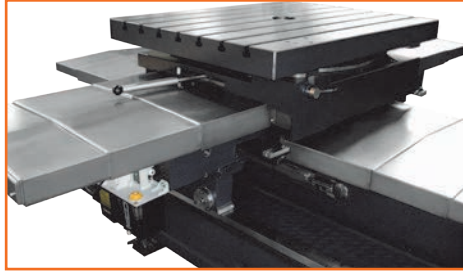




# CNC horizontal boring mill HBW 110 CNC

Heavy 4" CNC boring machine for machining of large and heavy work pieces



Gear drive of the swivel work table mechanism (below)



## Standard configuration

- ✓ Siemens 802D CNC control
- ✓ Recirculating ball screws
- ✓ Automatic lubrication
- ✓ Electrical handwheel (MPG)
- ✓ RS-232 Port
- ✓ PC transfer software
- ✓ Operation manual



- Optimum cutting performance through variable speed control of main spindle and facing slide
- 3-axis control by means of proven Siemens or Fanuc controls
- Robust and highly accurate, even for high work piece loads and dimensions, thanks to a wide machine bed with 4 stable hardened

- and precision-ground square guides
- Cylindrical roller bearings for centering table offer exceptional accuracy
- Precise operation of drill spindle with up to 1500 rev/min
- Effective protection of the bed rails by telescopic steel covers

Specifications		HBW 110 CNC 4" spindle, 5' X		Specifications		HBW 110 CNC 4" spindle, 5' X	
CNC control		Siemens 802D/Fanuc		Facing head speed		rpm	
Spindle diameter		mm				4-130	
Projection (Quill)		mm		Max. spindle torque		Nm	
Drilling capacity		mm		Max. facing head torque		Nm	
Spindle taper		BT 50		Max. feed force		kN	
Table dimensions (W/L)		mm		Spindle feed		mm/min	
Max. table load		kg		Axis feed		mm/min	
Spindle-table distance		mm		Rapid feed		mm/min	
<b>TABLE</b>				Table feed		rpm	
Axis travel	X	mm	1600 (63")	Positioning accuracy: X/Y/Z		mm	
	Z	mm	1000 (39")	Repeatability: X/Y/Z		mm	
Vertical travel (Y)		mm	1500 (59")	Swiveling accuracy of table		±8"	
Face head diameter		mm	450 (17.7")	Swiveling repeatability of table		±6"	
Facing head travel		mm	160 (6.3")	Main drive motor		kW	
Max. working diameter of facing head		mm	Ø720 (28.3")	Dimensions (L/W/H)		mm	
Table swivel (B)		deg	360°	Weight		kg	
Speeds		rpm	10-1500	Item No.		2630008n	

\*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.