



Chester CNC Horizontal Boring Machines



Spindle Diameter	160mm
Spindle Taper	ISO50
Tool Shank Type	JT50 (or MAS403 BT50)
Pullstud Type	LD-50D (or MAS403 P50T-1)
Spindle Speed Rate	7-1500rpm
Main Motor Power	37/51 (30min) kW
Spindle Max. Torque	3500Nm
Axial Max. Torque of Boring Spindle	35000N
Table Transverse Travel (X)	2000mm (3000,4000mm optional)
Spindle Box Travel (Y)	2000mm (2500,3000mm optional)
Column Longitudinal Travel (W)	2000mm
Boring Spindle Axial Travel (Z)	900mm
Facing Head Slider Travel (U)	300mm
Table Rotation (B)	360mm
Rotary Table- Size	2000x2000mm (2000x2500, 1800x2000mm optional)
Rotary Table- Max. Load	20 000kg
Rotary Table- Width of T-Slot	28mm
Facing Head Diameter	800mm
Facing Head Processing Diameter	1000mm
Facing Head Speed	5-125 rpm
Facing Head Maximum Torque	4000 mm/min
Cutting Feed Speed Range- X,Y	1-4000mm/min
Cutting Feed Speed Range- W/Z/U	1-3000/2000/500 mm/min
Cutting Feed Speed Range- B	0.003-1rpm
Rapid Feed Speed Range- X,Y	8000mm/min
Rapid Feed Speed Range- W/Z/U	6000/4000/1000mm/min
Rapid Feed Speed Range- B	1.5rpm
Positioning Precision- X, Y, W	0,03mm
Positioning Precision- Z/U/B	0,04/0,04mm /10"
Repeat Positioning Precision- X, Y, W	0,02mm
Repeat Positioning Precision- Z/U/B	0,025/.025mm /7"
Main Power of Electricity	100kVA
Size	6550x8000x4450mm
Weight	40000kg

STANDARD ACCESSORIES

v Siemens 840D CNC System

OPTIONAL ACCESSORIES

- Automatic Tool Changer
- Tools (Spring Centre, Boring Bar, Spring Collet, Reducing Sleeve, ...)
- Vertical Milling Head
- Universal Milling Head
- Elongating Milling Head
- Facing Head
- Chip Conveyor

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.