



Chester CNC Horizontal Boring Machines



STANDARD ACCESSORIES

- ✓ Siemens 840D CNC System or Fanuc 31I System
- ✓ Main Drive System
- ✓ Drive System for X,Y,Z
- ✓ Main Structure
- ✓ Hydraulic System
- ✓ Auto Lubrication System
- ✓ Cooling Water System(Cycle)
- ✓ Guide-Way Protection For X, Y, Z
- ✓ Measuring With Scale For X,Y,Z
- ✓ Chain Type Chip Conveyor

OPTIONAL ACCESSORIES

- Bigger Worktable Size and Max Load
- 40 PC Tool Magazine
- 60 PC Tool Magazine
- Coolant through Spindle 10 bar/30L (with Paper Band Filter)
- Coolant through Spindle 17.5 bar/30L (with Paper Band Filter)
- Coolant Through Spindle 30 Bar/30L (with Paper Band Filter)
- Worktable Area Protection
- Spindle Speed increased to 2900/3000rpm (Fanuc/Siemens)
- Increased Main Motor Power
- Protection of Column and Headstock Y
- Right Angle Milling Head (Spindle Taper No.50):
SIEMENS SHOPMILL
SIEMENS B-MPI
- DATA SERVER (Only for FANUC)
- Renishaw Measuring
- Splitter for Oil and Water (for Spindle Outer Coolant)
- With Paper Band Filter (for Coolant Through Spindle)
- Pneumatic Paper Unit (for Coolant Through Spindle)
- Hubble Thermostatic Tank (for Oil Cooler)
- Air Conditioning for Electric Cabinet (without FCKW)
- Bend Plate
- Cube Box

Worktable Size	1400x1600mm
Max Load on The Table	10000kg
T-Slot	28x9mmxN
Spindle Diameter	130 mm
Spindle Taper	ISO 7:24 JT.50(Optional BT 50)
Spindle Speed	10-2000r/min (step less speed)
Max. Torque of Spindle	2500(Continuous)/3000(30 min.) N.m
Distance from Spindle Nose to Table Surface	Max. 1700mm Min. 100mm
Transverse Travel of Table X	2000(optional 3000,3500,4000)mm
Vertical Travel of Headstock Y	1600(optional 2000,2500,3000) mm
Longitudinal Travel of Column Z	1600(optional 2000) mm
Spindle Travel W	800mm
Rotation of Rotary Table B	0.001°x360°
Feed Speed- X/Y/Z	9 m/min
Feed Speed - W	3 m/min
B Rotary Table Speed	1 r/min
Positioning Accuracy- Executing Standard X,Y,Z; W	X,Y,Z :0.018 X=3000mm Closed Loop 0.022 X=4000mm Closed Loop 0.027 W:0.020
B(4X90°)	12(4)
Repeatability- Executing Standard X,Y,Z; W	X,Y,Z :0.013 X=3000mm Closed Loop 0.013 X=4000mm Closed Loop 0.018 W:0.018
B(4X90°)	10(2)
Dimension of Machine(LXWXH)	6700X7800X4700
Electric Total Capacity	100KVA

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