



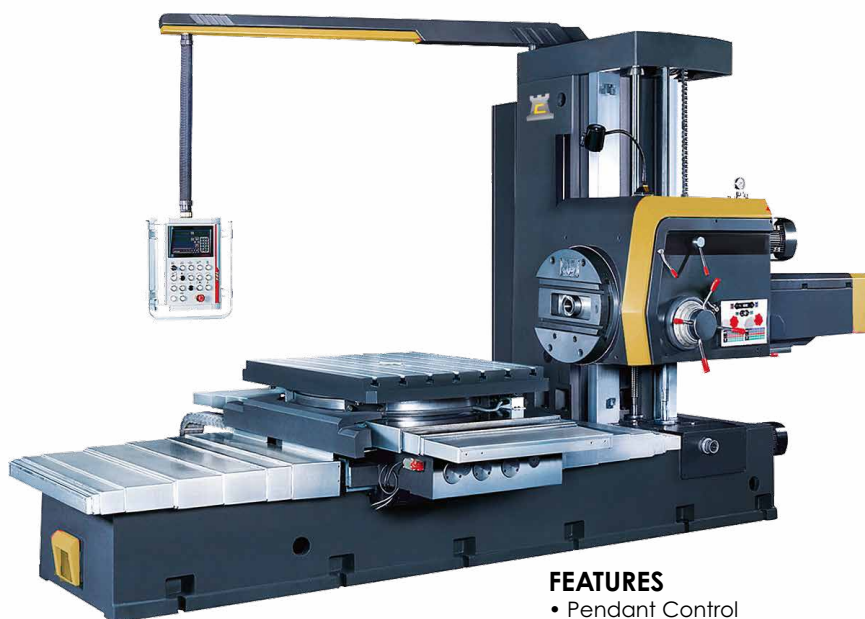
Chester Horizontal Boring Machines

STANDARD ACCESSORIES

- ✓ Facing Head
- ✓ UK Newall DRO for X,Y Axis
- ✓ MT6 Spindle
- ✓ Concentrated Control Panel
- ✓ Lubrication System
- ✓ Tool Kits
- ✓ Operaton Manual

OPTIONAL ACCESSORIES

- ISO7:24 No.50/BT50 Spindle
- Rear Column
- Z-Axis DRO
- B-Axis DRO
- Angle Table 500×500×400mm
- Changing Gears (Used for Thread-Cutting Tool Holder)
- Thread-Cutting Tool Holder for Spindle
- Short Boring Tool Holder for Facing Head D=180 L=350mm
- Long Boring Tool Holder for Facing Head D=180 L=500mm
- Milling Tool Holder for Facing Head D=180
- Universal Boring Head (Morse #6 or ISO 7:24 #50)
- Boring Tools (12Pcs)



FEATURES

- Pendant Control
- High precision Table and Spindle
- Newall Digital Readout
- Ergonomic Design

Model	HB110Y	HB110Y/2	HB110Y/3
Spindle			
Spindle Diameter	110mm	110mm	110mm
Spindle Taper	Morse No6 (Optional ISO7:24No50)	Morse No6 (Optional ISO7:24No50)	Morse No6 (Optional ISO7:24No50)
Max. Spindle Torque	1225N.m	1225N.m	1225N.m
Max. Spindle Thrust	12250N	12250N	12250N
Number of Spindle Speed	22	22	22
Range of Spindle Speed	8-1000r/min	8-1000r/min	8-1000r/min
Power of Main Motor	7.5kw(10.2hp)	7.5kw(10.2hp)	7.5kw(10.2hp)
Facing Head			
Max. Facing Head Torque	1960N.m	1960N.m	1960N.m
Facing Head Diameter	600mm	600mm	600mm
Range of Facing Head Speed	4-200r/min	4-200r/min	4-200r/min
Number of Facing Head Speed	18	18	18
Table			
Table Working Surface (L×W)	1100x960mm	1100x960mm	1250x1100mm
Max. Permissible Load on Table	2500kg	2500kg	3000kg
T-Slot	22mm	22mm	22mm
Number of T-Slot	7	7	7
Work Range			
X-Axis Travel	900mm	1250mm	1600mm
Y-Axis Travel	900mm	900mm	1200mm
Z-Axis Travel	1400mm	1400mm	1400mm
W-Axis Travel (Spindle Travel)	600mm	600mm	600mm
U-Axis Travel (Facing Slide Travel)	180mm	180mm	180mm
B-Axis Worktable Rotary	360°	360°	360°
Distance between Spindle Axis and Table Surface	0-900mm	0-900mm	0-900mm
Feed Range of Revolution			
Rapid Travel (X/Y/Z/W)	2500mm/min	2500mm/min	2500mm/min
Range of Axes Speed per Spindle Revolution (X/Y/Z/W)	0.04-6/0.01-1.88mm/rev	0.04-6/0.01-1.88mm/rev	0.04-6/0.01-1.88mm/rev
Precision			
Measurement System Reading Precision (X/Y/Z)	0.005mm	0.005mm	0.005mm
B-Axis Reading Precision (Optional)	0.001°	0.001°	0.001°
Machine Dimensions (L×W×H)	4910x2454x2750mm	4910x2870x2750mm	5120x3380x3100mm
Net Weight	13000kg	14500kg	18000kg

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