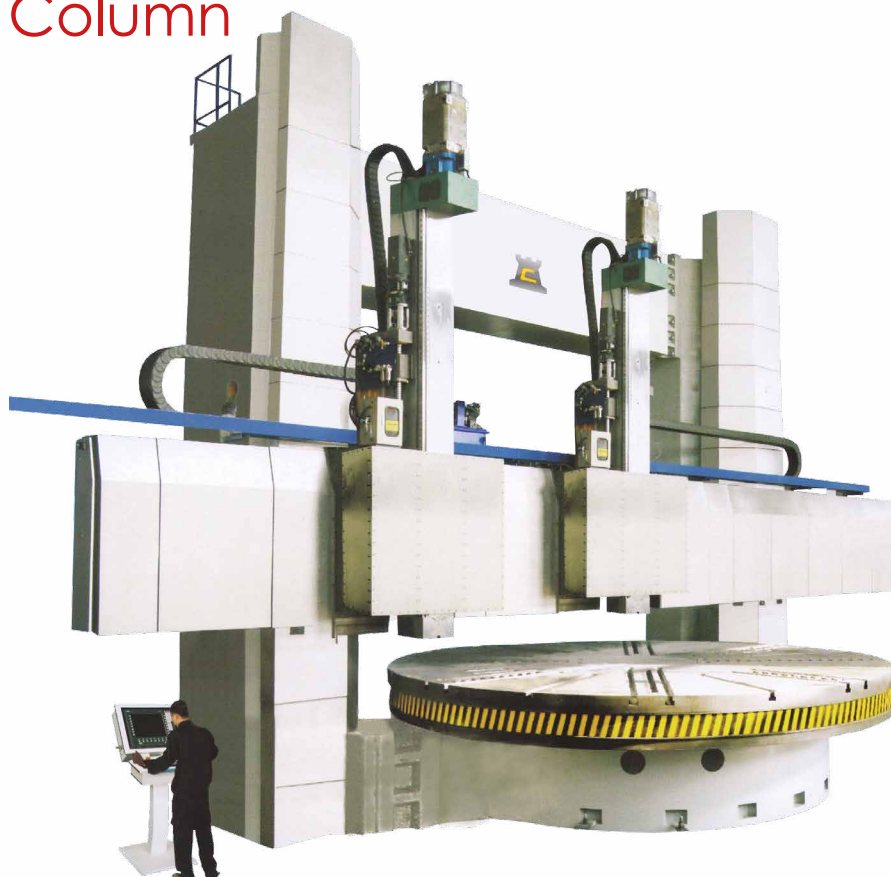




Chester CNC Vertical Boring Machines Double Column



FEATURES

- High grade cast iron structure for super stability, reliability & longer machine life,
- Centralized operation button panel, Mecano-Germany
- T THK-Japan ballscrew on X and Z axis for feeding, guarantee the accuracy and stable.
- Square tool post on vertical heads, especially suitable for deep hole machining,
- High precision bearings for ballscrew with preload-NSK-Japan/INA-Germany.
- High precision gears in table speed change gearbox (Class 6) for smooth running & less machine noise,
- Centralized compulsory lubrication system
- High torque DC main motor with DC driver-Parker-UK.
- Reliable electrics (CE standard) for longer life, ABB-France/IDEC-Japan
- High quality hydraulic valves for reliable functioning
- Planetary speed reducer-SHIMPO-Japan,
- Work lamps
- Quenched, tempered & ground guideways on ram
- Reliable hydraulic power pack unit, easier for adjustment & maintenance,
- Hydrostatic working table with constant flow hydraulic power supply.
- Hydraulic clamping of cross beam onto the columns for heavy duty cutting,
- Hydraulic balancing mechanism on rams for high precision rigid heavy cutting,
- Ram made of high grade cast iron for better dynamic performance & longer life,
- Wear-resistant industrial material coating on the travelling guideways and wear-resistant Zinc-Aluminum alloy strips engraved in the table guideways for longer machine life,
- Reliable CNC control (Siemens/Fanuc) integrated in the electrical system for easier control

OPTIONAL ACCESSORIES

- Automatic Toolchanger

Model	VBD2500-CNC	VBD3100-CNC	VBD4000-CNC
Max. Vertical Turret Cutting Diameter	2500mm	3100mm	4000mm
Diameter of Worktable	2250mm	2830mm	3150mm
Max. Weight of Workpiece	10ton	10ton	10ton
Max. Height of Workpiece	2000mm	2000mm	2000mm
Speed Range	1-63rpm	1-63r/min	0.5-63r/min
Vertical Traverse of Tool Head	1000mm	1000mm	1000mm/2000mm
Horizontal Traverse of Tool Head	1400mm	1650mm	2165mm
Main Motor Power	55kw (73.76hp)	55kw (73.76hp)	55kw (73.76hp)

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