

Chester CNC Vertical Boring Machines Single 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	VBS1250-CNC	VBS1600-CNC	VBS2000-CNC	VBS2300-CNC	VBS2600-CNC
Max. Vertical Turret Cutting Diameter	1250mm	1600mm	2000mm	2300mm	2600mm
Diameter of Worktable	1000mm	1400mm	1800mm	2000mm	2250mm
Max. Height of Workpiece	1000mm	1200mm	1400mm	1400mm	1600mm
Max. Weight of Workpiece	3.5ton	5ton	8ton	8ton	10ton
Speed Range	2-250r/min	2-200r/min	2-120r/min	20-120r/min	2-80r/min
Vertical Turret Traverse-Horizontal	850mm	1020mm	1115mm	1400mm	1500mm
Vertical Turret Traverse - Vertical	750mm	1000mm	800mm	800mm	1000mm
Cross Rail Traverse	600mm	850mm	890mm	890mm	1200mm
Power of Main Motor	30/37kw (40.20/49.62hp)	45kw	45kw (60.35hp)	45kw (60.35hp)	45kw (60.35hp)

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