



- Servo motor with TBI ballscrew for X&Z axis feeding, sample structure with more stable function
- High grade cast iron structure for super stability, reliability & longer machine life
- Centralized operation button panel
- Worktable with manual 4-jaw chuck with chucking jaws
- Square toolpost on vertical heads, especially suitable for deep hole machining
- High precision bearings in table speed change gear box
- Forged shafts used in the table speed change gear box
- High precision gears in table speed change gearbox (Class 6) for smooth running & less machine noise
- Manual centralized compulsory lubrication system
- High reliable ABB electrics
- High quality hydraulic valves for reliable functioning
- Planetary gearbox for ballscrew
- High accurate & heavy load spindle bearings (P5 class)
- 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 on the column for heavy duty 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 PLC control (OMRON-Japan) integrated in the electrical system for easier control
- Affluent safety & protection setting-ups & interlocks are integrated with the machine

Model	VBD2500-S	VBD3100-S	VBD4000-S
Max. Vertical Turret Cutting Diameter	2500mm	3100mm	4000mm
Diameter of Worktable	2250mm	2830mm	3150mm
Max. Weight of Workpiece	10ton	10ton	10ton/32t
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.