

Chester Vertical Boring Machines



FEATURES

- Centralised operation button panel
- Table with manual 4 jaw chuck with chuck jaws
- High precision bearings in table speed change gearbox
- Centralised lubrication system
- Work lamps
- Hydrostatic working table with constant flow hydraulic power supply
- Hydraulic balancing mechanism on rams for high precision cutting

STANDARD ACCESSORIES

- ✓ Tool post
- ✓ 2 Axis DRO

OPTIONAL ACCESSORIES

- Side Turret
- DRO for Side Turret

Model	VB800-	VB1250-E	VB1600-E	VB2300-E
Table Diameter	720mm	1000mm	1400mm	2000mm
Max.Turning Diameter	800mm	1250mm	1600mm	2300mm
Max.Working Height	800mm	1000/1200/1400mm	1000/1200/1400/1600mm	1300/1600mm
Max.Weight of Workpiece	1200kg	3200kg	5000kg	8000kg
Speed Range of Table	10-315r/min	6.3-200r/min	5-160r/min	3.2-80r/min
Speed-step of Table	16	16	16	16
Feed Range	0.8-86r/min	0.8-86r/min	0.8-86r/min	0.8-86r/min
Feed Steps	12	12	12	12
Horizontal Travel of Rail Head	570mm	700mm	915mm	1210mm
Vertical Travel of Rail Head	650mm	650mm	800mm	800mm
Horizontal Travel of Side Head	500mm	500mm	650mm	630mm
Vertical Travel of Side Head	810mm	900mm	1000mm	1150mm
Travel of Cross Beam	580mm	650/850/1050mm	850/1050/1250/1450mm	890/1240mm
Moving Degree Limit of Rail Head	±30°	±30°	±30°	±30°
Size of Tool Bar (L×W)	30×40mm	30×40mm	30×40mm	30×40mm
Power of Main Motor	22kw(29.5hp)	22kw(29.5hp)	30kw(40.2hp)	30kw(40.2hp)
Power of Feed Motor	1.3/1.8kw(1.7/2.4hp)	1.3/1.8kw(1.7/2.4hp)	1.3/1.8kw(1.7/2.4hp)	1.3/1.8kw(1.7/2.4hp)
Net Weight of Machine	7200kg	9500kg	12700kg	19500kg
Overall Dimensions (L×W×H)	2080×2621×3405mm	2277×2540×3405mm	2662×2800×3550mm	3235×3240×3910mm

Model	VB2500-E	VB4000-E	VB4000-E
Table Diameter	2250mm	2830/3150mm	3200/3600mm
Max.Turning Diameter	2500mm	4000mm	4000mm
Max.Working Height	1600/2000mm	1600/2000/2500mm	2000/2500/3150mm
Max.Weight of Workpiece	10,000/20,000kg	10,000/20,000kg	32,000/50,000kg
Speed Range of Table	2-63r/min	2-63r/min	0.4-40r/min
Speed-step of Table	16(II Gears Stepless)	16(II Gears Stepless)	II Gears Stepless
Max.Torque of Table	1400mm	63Kn.m	80/100Kn.m
Horizontal Travel of Left and Right Rail Head	63Kn.m	2150mm	2150mm
Vertical Travel of Left and Right Rail Head	1000mm	1000/1250mm	1250/1600mm
Travel of Cross Beam	1250/1650mm	1250/1650/2150mm	1650/2150/2800mm
Moving Degree Limit of Rail Head	±30°	±30°	±30°
Power of Main Motor	55kw(73.7hp)	55kw(73.7hp)	75kw(100.5hp)
Net Weight of Machine	33,000/35,000kg	43,000/45,000/48,000kg	55,000/60,000/65,000kg
Overall Dimensions (L×W×H)	5180×5200×4870mm 5180×5200×5270mm	7680×6500×4870mm 7680×6500×5270mm 7680×6500×5770mm	7680×6500×5975mm 7680×6500×6475mm 7680×6500×7125mm

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