

Vertical Boring / Turning Machines

The machine has a rugged metal removal capacity and design features for high precision machining

High grade Cast Iron machine structure, internally ribbed, to ensure maximum stability of table

Precision bearings and gunmetal or turcite 'B' liner guide ways combination in the bed / table to take the radial and vertical load

Alloy steel gears hardened and lapped

Oil bath lubrication to bed / table guide ways

Centralized control panel



Model: VTB-1200

| Model | VTB-600 | VTB-1000 | VTB-1200 | VTB-1500 | VTB-2000 | VTB-2500 | VTB-3000 | VTB-4000 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Table Diameter (mm): | 600 | 1000 | 1200 | 1500 | 2000 | 2500 | 3000 | 4000 |
| Max. Turning diameter with Side Head below the Table Top (mm): | -- | 1250 | 1600 | 1750 | 2250 | 2750 | 3500 | 4500 |
| Max. Turning diameter with Side Head in working position (mm): | -- | 1050 | 1350 | 1550 | 2050 | 2550 | 3300 | 4300 |
| Max Turning diameter (mm)*: | 750 | -- | -- | -- | -- | -- | -- | -- |
| Max working height under cross rail (mm): | 350 | 1000 | 1200 | 1200 | 1500 | 1500 | 2000 | 2000 |
| Vertical travel of Ram head (mm): | 350 | 500 | 700 | 600 | 700 | 800 | 900 | 1000 |
| Swivel angle of Ram head (degrees): | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| Horizontal travel of side head (mm): | -- | 500 | 700 | 600 | 700 | 800 | 900 | 1000 |
| Max vertical travel of side head (mm): | -- | 750 | 1050 | 950 | 1250 | 1250 | 1750 | 1750 |
| Table speeds (rpm): | 25 - 100 | 10 - 100 | 7.5 - 75 | 7.5 - 75 | 5 - 50 | 4 - 40 | 2.5 - 25 | 1.5 - 15 |
| Feeds - Horizontal and vertical (mm): | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Range (mm/min.): | 1.5 - 9 | 1.5 - 9 | 1.5 - 9 | 1.5 - 9 | 1.5 - 9 | 1.5 - 9 | 0.5 - 5 | 0.5 - 5 |
| Main Table Drive Motor (HP): | 5.0 | 7.5 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 50.0 |
| Feed Gear Box Motor (HP): | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 |
| Motor for Lifting / Lowering of Cross Rail (HP): | Manual | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 |
| Net Weight (kg) | 1200 | 8000 | 9000 | 12000 | 18000 | 23000 | 28000 | 35000 |

* Note: Since the VTB-600 is a single column machine, there are no side heads