

CLEVELAND

CNC VERTICAL BED MILL MODEL: BM560T



MACHINE FEATURES

- **Centroid M400 control with 15" LCD**
- **10 HP Spindle Motor NT40 Spindle Taper**
- **4,000 rpm spindle speed**
- Hardened & Ground with Turcite-B coating guide way
- Double nut precision ball screws hardened & ground for high accuracy and long lasting
- FC30 Meehanite Casting main frame with annealed & stress relieved for long term reliability
- 100% Laser tested for positioning accuracy & repeatability
- Box ways design on Y & Z axis to provide maximum rigidity & stability
- Standard way covers on all three axes
- Tool box & Tools
- Coolant System
- Central lubrication system
- Built-in Quartz work light
- **Portable Hand Wheel (opt.)**

SPECIFICATIONS:

Table: 16.5" x 63" (420x1600 mm)
Longitudinal travel: 51" (1300 mm)
Cross travel: 24.5" (630 mm)
Vertical travel: 24" (610 mm)
Spindle nose to table top (D): 5" to 30" (120-750 mm)
Load capacity: 2000 lbs (980 kgs)
Spindle taper: NT40
Spindle speed: 60 to 4000 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 25.5" (650 mm)

Feed Rate:

Rapid feed rate: X/Y/Z: 250 ipm AC
Cutting feed rate: 1 to 120 ipm

Motor:

Spindle motor/max torque: 10 HP / 7.5 kW
Feed motors on XYZ: 2 kW - AC
Coolant pump: 1/8 Hp
Lubrication pump: 150 W
Power requirement: 15 KVA, 3 Phase 208V to 230V (Max)

Dimension & Weight:

Length x Width x Height: 165" x 84" x 105" (4190x2130x2670 mm)
Net weight: 8360 lbs (3800 kgs)

STANDARD ACCESSORIES:

Tools & box	Leveling bolts & plate	RS-232 interface
Operation manual	15" color LCD	Splash guard
Auto lube system	Halogen work light	120 GB solid state hard drive
USB 2.0 port	Coolant system	Shop floor programming/Conversational

ADDITIONAL ACCESSORIES INFORMATION:

Power requirement	20 KVA 3 phase 208V/230Vmax
Air requirement	With opt. power draw bar 90 - 100 psi
Type of oil for Way oil / oil chiller / pneumatic oil	Mobil Vactra #2 / Shell Tellus 32 / Air tool oil
Coolant capacity	7 Gallons

*** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE ***

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