

CLEVELAND

MODEL: E216 Maxi-Mill VMC

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MACHINE FEATURES:

7.5HP Spindle Motor

BT40 or CAT40 Spindle Taper

16 tools ATC Armless

6,000 rpm spindle speed

Hardened & Ground

Turcite-B coating guide way

Full Enclosure

- **CENTROID M400 CNC CONTROL WITH 15" LCD**
- 16 tools ATC Armless
- 7.5HP Spindle Motor, BT40 or CAT40 Spindle Taper
- 6,000 rpm spindle speed
- Hardened & Ground with turcite-B coating guide way
- C3 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 axis to provide maximum rigidity & stability
- Telescopic steel way cover on three axes
- Tool box & Tools
- Coolant System and air blast system
- Central lubrication system
- Built-in Quartz work light
- Rigid tapping(opt.)
- Portable Hand Wheel (opt.)

Specification:

Table:

Longitudinal travel (X axis):	26" (660mm)
Cross travel:	16.1" (410mm)
Vertical travel:	20.1" (510mm)
Spindle nose to table top (D):	4.1"-24.2" (105-615mm)
Load capacity:	900 lb (409 Kg)
Spindle taper:	BT40 or CAT40
Spindle Speed (r. p.m.):	6000 rpm
Transmission of spindle & motor:	Belts
Spindle center to column front surface:	17.7" (450 mm)
Feed Rate:	
Rapid feed rate:	X/Y/Z: 150 ipm DC, 320ipm AC
Cutting feed rate:	1-120 ipm
Motor:	
Spindle motor/max torque:	7.5HP/38NM
Feed motors on XYZ:	29in-lbs DC, or AC 1 Kw
Coolant pump:	1/8 Hp
Lubrication pump:	150W
Power requirement:	14 KVA, 3 Phase 208-230 voltage
Automatic Tool Changer:	
No. of tools:	16
Max. Tool diameter:	3.5" (90 mm)
Max. Tool length:	
Max. Tool weight:	15 lb (7 Kg)
Length x Width x Height:	90" x 83.1" x 90"
Net Weight:	5,500 lbs. (2500 Kgs)

Standard Accessories:

Tools & box	Full guarding	Shop floor programming/Conversational
Leveling bolts & plate	Coolant system	RS-232 Interface
Halogen work light	Auto lube system	USB 2.0
Operation manual	Air blast, coolant flush gun	128 MB solid state hard drive

Additional Accessories information:

Power requirement:	14 KVA 3 phase 208V/230Vmax
Air requirement	90 - 100 psi
Type of oil for Way oil / Oil chiller / Pneumatic oil	Mobil Vactra #2 / Shell Tellus 32 / Air tool oil
Coolant capacity	26 Gallons

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