

# CLEVELAND

## VMC WITH LINEAR WAYS MODEL: VM-350 SPACE SAVER PLUS



### **MACHINE FEATURES:**

- **Centroid M400 control with 15" LCD**
- **8 tools ATC Armless**
- **3 HP Spindle Motor, BT30 Spindle Taper**
- **10,000 rpm spindle speed**
- **3 axes linear guide way**
- Precision ball screws 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
- Telescopic steel way covers on all 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:	15.7" x 9.8" (400x250 mm)
Longitudinal travel (X axis):	13.7" (350 mm)
Cross travel:	9.8" (250 mm)
Vertical travel:	11.8" (300 mm)
Spindle nose to table top (D):	2.7"-14.5" (70-370 mm)
Load capacity:	140 lbs. (60 Kgs)
Spindle taper & Pull force:	BT30 & 300 KGs
Spindle Speed (r. p.m.):	10000 rpm
Transmission of spindle & motor:	Belts
Spindle center to column front surface:	11.8" (300 mm)
<b>Feed Rate:</b>	
Rapid feed rate:	X/Y: 400ipm Z: 400 ipm
Cutting feed rate:	1-100 ipm
<b>Motor:</b>	
Spindle motor/max torque:	3HP/2.2KW
Feed motors on XYZ:	0.75/0.75/1.0 KW
Coolant pump:	0.125Hp
Lubrication pump:	150W
Power requirement:	10 KVA, 3 Phase 208-230 voltage
<b>Automatic Tool Changer</b>	
No. of tools:	8
Max. tool diameter:	2" (50 mm)
Max. tool weight:	10 lb (4 Kg)
Length X Width X Height (LXWXH):	63" x 51" x 74"
Net Weight:	2,640 lbs. (1200 Kgs)

**STANDARD ACCESSORIES:**

Tools & box	Full Enclosure	Shop floor programming/Conversational
Leveling bolts & plate	Auto lube system	USB 2.0 port
RS-232	coolant system	Halogen work light
Operation manual	Air blast, coolant flush gun	1 GB solid state hard drive

**Additional Accessories information:**

Power requirement	10 KVA 3 phase 208 V/230 V max
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	12 Gallons

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

**CLEVELAND MACHINERY SALES INC.**

5000 BROOKPARK ROAD  
CLEVELAND, OHIO 44134

PHONE: 216-741-8900  
FAX: 216-741-8995

WEBSITE: [www.clevelandmachinery.com](http://www.clevelandmachinery.com)

EMAIL: [sales@clevelandmachinery.com](mailto:sales@clevelandmachinery.com)