CLEVELAND
MODEL: M526 HEAVY DUTY VMC

MACHINE FEATURES:
20HP Spindle Motor,
BT40 or CAT40 Spindle Taper
8,000 rpm spindle speed
Included spindle oil cooler
24 tools ATC Armless
Hardened & Ground
Turcite-B coating guide way
• CENTROID M400 CNC CONTROL WITH 15” LCD
• 24 tools ATC Armless
• 20HP Spindle Motor, BT40 or CAT40 Spindle Taper
• 8,000 rpm spindle speed with spindle oil cooler
• 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
• 4 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: 24” x 60” (612 x 1520 mm)
Longitudinal travel (X axis): 52” (1320 mm)
Cross travel: 26” (660mm)
Vertical travel: 27.5” (700mm)
Spindle nose to table top (D): 4.9”-32.4” (124-824 mm)
Load capacity: 3000 lbs (1364 Kgs)
Spindle taper: BT40 or CAT40
Spindle Speed (r.p.m.): 8000 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 27.6” (700 mm)

Feed Rate:
Rapid feed rate: X/Y: 400 ipm  Z: 320 ipm
Cutting feed rate: 1-240 ipm

Motor:
Spindle motor/max torque: 15KW,20HP/100NM
Feed motors on XYZ: 4 KW AC
Coolant pump: 0.6HP
Lubrication pump: 150W
Power requirement: 32 KVA, 3 Phase 208-230 voltage
Automatic Tool Changer:
No. of tools: 24
Max. tool diameter: 3.5” (90 mm)
Max. tool length:
Max. tool weight: 15 lbs (7 Kgs)

Length x Width x Height: 145” x 113” x 101” (3680mm x 2865mm x 2565mm)
Net Weight: 16,940 lbs. (7700 Kgs)

Standard Accessories:

<table>
<thead>
<tr>
<th>Tools &amp; box</th>
<th>Full enclosure</th>
<th>Shop floor programming/Conversational</th>
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<tbody>
<tr>
<td>Leveling bolts &amp; plate</td>
<td>Coolant system</td>
<td>USB 2.0 Port</td>
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<tr>
<td>RS-232</td>
<td>Auto lube system</td>
<td>Halogen work light</td>
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<tr>
<td>Operation manual</td>
<td>Air blast, coolant flush gun</td>
<td>1 GB solid state hard drive</td>
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Additional Accessories information:

<table>
<thead>
<tr>
<th>Power requirement:</th>
<th>32 KVA 3 phase 208V/230Vmax</th>
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<tr>
<td>Air requirement:</td>
<td>90 - 100 psi</td>
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<tr>
<td>Type of oil for Way oil/Oil chiller/Pneumatic oil:</td>
<td>Mobil Vactra #2/Shell Tellus 32/Air tool oil</td>
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<tr>
<td>Coolant capacity:</td>
<td>36 Gallons</td>
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