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:

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

Additional Accessories information:

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