MACHINE FEATURES

- Centroid M400 control with 15” LCD
- 15 HP Spindle Motor, CAT40 Spindle Taper
- 8,000 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: 29.9" x 72" (760x1830 mm)
- Longitudinal travel: 66.9" (1700 mm)
- Cross travel: 33.4" (850 mm)
- Vertical travel: 27.5" (700 mm)
- Spindle nose to table top (D): 4.7" to 33.4" (120-850 mm)
- Load capacity: 3300 lbs (1500 kgs)
- Spindle taper: BT40 or CAT40
- Spindle speed: 60 to 8000 rpm
- Transmission of spindle & motor: Belts
- Spindle center to column front surface: 25.5" (650 mm)
- T slot: 0.62*3*2.36" mm
- Feed Rate:
  - Rapid feed rate: X/Y/Z: 250 ipm AC
  - Cutting feed rate: 1 to 120 ipm
- Motor:
  - Spindle motor/max torque: 15 HP / 10 kW
  - Feed motors on XYZ: 3 kW - AC Servo
  - Coolant pump: 1/8 Hp
  - Lubrication pump: 150 W
  - Power requirement: 30 KVA, 3 Phase 208V to 230V (Max)
- Automatic Tool Change:
  - No. of tools: OPT
  - Max tool diameter: 3.5" (90 mm)
  - Max tool weight: 15 lbs (7 kgs)
- Dimension & Weight:
  - Length x Width x Height: 194.7" x 125.7" x 118.5" (4950x3200x3000 mm)
  - Net weight: 18,700 lbs (8300 kgs)

STANDARD ACCESSORIES:

<table>
<thead>
<tr>
<th>Tools &amp; box</th>
<th>Leveling bolts &amp; plate</th>
<th>RS-232 interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation manual</td>
<td>15&quot; color LCD</td>
<td>Splash guard</td>
</tr>
<tr>
<td>Auto lube system</td>
<td>Halogen work light</td>
<td>120 GB solid state hard drive</td>
</tr>
<tr>
<td>USB 2.0 port</td>
<td>Coolant system</td>
<td>Shop floor programming/Conversational</td>
</tr>
</tbody>
</table>

ADDITIONAL ACCESSORIES INFORMATION:

<table>
<thead>
<tr>
<th>Power requirement</th>
<th>30 KVA 3 phase 208V/230Vmax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air requirement</td>
<td>With opt. power draw bar 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>16 Gallons</td>
</tr>
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*WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE*