MACHINE FEATURES

- Centroid M400 control with 15” LCD
- 10 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: 16.5” x 63” (420x1600 mm)
Longitudinal travel: 51” (1300 mm)
Cross travel: 24.5” (630 mm)
Vertical travel: 24” (610 mm)
Spindle nose to table top (D): 5” to 30” (120-750 mm)
Load capacity: 2000 lbs (980 kgs)
Spindle taper: NMTB40 or CAT40
Spindle speed: 60 to 8000 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 25.5” (660 mm)

Feed Rate:
Rapid feed rate: X/Y/Z: 250 ipm AC
Cutting feed rate: 1 to 120 ipm

Motor:
Spindle motor: 10 HP / 7.5 kW
Feed motors on XYZ: 2 kW - AC
Coolant pump: 1/8 Hp
Lubrication pump: 150 W
Power requirement: 15 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: 165” x 84” x 105” (4190x2130x2670 mm)
Net weight: 8360 lbs (3800 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” 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>20 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>7 Gallons</td>
</tr>
</tbody>
</table>

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

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