MACHINE FEATURES:

- Centroid M400i control with 15” LCD
- 7.5HP 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)
- AUTOMATIC TOOL CHANGER (opt.)
- FULL ENCLOSURE (opt.)

Specification

<table>
<thead>
<tr>
<th>Table:</th>
<th>10” x 54”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitudinal travel:</td>
<td>33.8”</td>
</tr>
<tr>
<td>Cross travel:</td>
<td>19.6”</td>
</tr>
<tr>
<td>Vertical travel:</td>
<td>25.1”</td>
</tr>
<tr>
<td>Saddle size:</td>
<td>20.07”</td>
</tr>
<tr>
<td>Spindle nose to table top (D):</td>
<td>3.93” to 29.13”</td>
</tr>
<tr>
<td>Spindle taper:</td>
<td>CAT40</td>
</tr>
<tr>
<td>Spindle speed:</td>
<td>8000 rpm</td>
</tr>
<tr>
<td>Load capacity:</td>
<td>1100 lbs</td>
</tr>
<tr>
<td>T-slot:</td>
<td>0.62” x 3 x 2.55”</td>
</tr>
<tr>
<td>Transmission of spindle &amp; motor:</td>
<td>Belt</td>
</tr>
</tbody>
</table>

Feed Rate

- Rapid feed rate: X/Y/Z: 240 ipm
- AC Cutting feed rate: 1 to 120 ipm

Motor

- Spindle motor/max torque: 7.5HP
- Servo motors on XYZ: 1 kW - AC
- Coolant pump: 1/8 HP
- Lubrication pump: 150 W
- Power requirement: 14 KVA, 3 Phase 208V to 230V (Max)

Automatic Tool Changer

- 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: 115.6” x 82.7” x 101.6”
- Net weight: 4600 lbs
### Standard Accessories
- **Tools & box:** Leveling bolts & plate, RS-232 interface
- **Operation manual:** 15" color LCD, Auto lube system
- **Coolant system:** Splash guard, USB 2.0 port
- **Halogen work light:** 60 GB solid state hard drive, Shop floor programming/Conversational

### Optional Machine Accessories
- **CK-001** 52pcs Clamping Kit slot: 5/8" (16mm) stud: 1/2-13
- **CP-MIST** Mist Coolant System
- **VISE-6** 6" Angle Vise W/ Swivel Base (Import)
- **ENCLOSURE** Full enclosure
- **16ATC** 16 T Magazine - Umbrella with software

### Optional Software Accessories
- **10620** Compression tapping
- **10610** User definable Macros and sub programs [M98 & G65]
- **10851** Cutter compensation
- **10360** 4th axis software
- **10630** Unlimited part program size
- **10730** Intercon off-line conversational program (for your desktop PC)
- **10810** Rigid tapping [G74 & G84] (includes 10620)
- **10850** Coordinate system rotation (CSR)
- **10625** Scaling and mirroring [G50 & G51]
- **10814** DXF in, CAD drawing input software
- **10660** BCD tool change output
- **11069** 100 Step MPG

### Digitizing & Probing
- **10405** DP-4 probing package w/ CSR (10850)
- **12486** DP-7 probing package w/ CSR (10850)
- **10770** 2D & 3D digitizing software (requires 10405)
- **10220** TT-1; Tool touch off kit
- **12468** TT-2; Tool touch off kit
- **10772** Tool room package (10405 & 10220 &10600 work coordinate)

### Additional Accessories Information
- **Power requirement:** ........................................ 10 KVA 3 phase 208V to 230V (Max)
- **Air requirement:** ........................................ With opt. power draw bar 90 - 100 psi
- **Type of oil for way oil / oil chiller / pneumatic oil:** Mobil Vectra #2/ Shell Tellus 32/ Air tool oil
- **Coolant capacity:** ........................................... 7 Gallons

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

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