MACHINE FEATURES:

- Centroid M400i control with 15” LCD
- 8 tools ATC armless
- 1.5 HP spindle motor, BT30 spindle taper
- 8,000 rpm spindle speed
- 3 axes linear guide way
- Precision ball screws 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
- Telescopic steel way covers on all three axes
- Tool box & tools
- Coolant system and air blast system
- Central lubrication system
- Rigid tapping (opt)
- Portable hand wheel (opt)

Specification

<table>
<thead>
<tr>
<th>Table:</th>
<th>32” x 9.45”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitudinal travel:</td>
<td>15.37”</td>
</tr>
<tr>
<td>Cross travel:</td>
<td>9.45”</td>
</tr>
<tr>
<td>Vertical travel:</td>
<td>13.75”</td>
</tr>
<tr>
<td>Spindle nose to table top (D):</td>
<td>1.18” to 14.95”</td>
</tr>
<tr>
<td>Load capacity:</td>
<td>220 lbs</td>
</tr>
<tr>
<td>Spindle taper &amp; pull force:</td>
<td>BT 30 &amp; 300 kgs</td>
</tr>
<tr>
<td>Spindle speed:</td>
<td>8000 rpm</td>
</tr>
<tr>
<td>Transmission of spindle &amp; motor:</td>
<td>Belts</td>
</tr>
<tr>
<td>Spindle center to column front surface:</td>
<td>10”</td>
</tr>
</tbody>
</table>

Feed Rate

Rapid feed rate: X/Y: 300ipm Z: 300 ipm Cutting feed rate: 1 to 100 ipm

Motor

Spindle motor/max torque: 1.55 HP
Feed motors on XYZ: 0.75 kW
Coolant pump: 1/8 Hp
Lubrication pump: 150 W
Power requirement: 10 KVA, 3 Phase 208V to 230V (Max)

Automatic Tool Changer

No. of tools: 8
Max tool diameter: 2” (50 mm)
Max tool weight: 10 lbs (4 kgs)

Dimension & Weight

Length x Width x Height: 74” x 48” x 79”
Net weight: 2,640 lbs (1200 kgs)
Standard Accessories
Tools & box Leveling bolts & plate RS-232 interface
Operation manual Full enclosure Air blast, coolant flush gun
Auto lube system Halogen work light 60 GB solid state hard drive
USB 2.0 port Coolant system Shop floor programming/Conversational

Optional Machine Accessories
Oil Skimmer Oil Skimmer
Air Gun Air Gun
BT30-45 Retention Knob BT30, 45 degree (10 pcs)
CK-105 52pcs Clamping Kit
CP-MIST Mist Coolant System
TRAN-17 Transformer: 17KVA (440~480V)
UG-MT Upgrade Motor to 3HP

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 & G 84] (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
10740 Engraving software
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)
Manual Pulse Generators (MPG)
11069 100 Step MPG

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

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

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