MACHINE FEATURES:

- Centroid M400 control with 15" LCD
- Armless type 16 tool ATC
- 15 HP spindle motor, CAT40 / BT40 spindle taper
- 8,000 rpm spindle speed with spindle oil cooler
- Linear guide way on three axes
- 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
- Telescopic steel way covers 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>
<thead>
<tr>
<th>X / Y / Z travel:</th>
<th>33.8&quot; / 21&quot; / 26&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance from spindle to column:</td>
<td>24&quot;</td>
</tr>
<tr>
<td>Distance from spindle to table top:</td>
<td>5.9&quot; ~ 31.9&quot;</td>
</tr>
</tbody>
</table>

Working Table

<table>
<thead>
<tr>
<th>Size (X / Y):</th>
<th>36.7&quot; / 19.7&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-slot:</td>
<td>0.7&quot; x 4 x 5.1&quot;</td>
</tr>
<tr>
<td>Load capacity:</td>
<td>1320 lbs</td>
</tr>
</tbody>
</table>

Spindle

<table>
<thead>
<tr>
<th>Motor:</th>
<th>15 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed:</td>
<td>8,000 rpm</td>
</tr>
<tr>
<td>Taper:</td>
<td>CAT40 / BT40</td>
</tr>
</tbody>
</table>

Feed Rate

| Rapid X / Y / Z: | 640 / 640 / 480 ipm |
| Cutting: | 300 ipm |

ATC

| Tool magazine capacity: | Armless 16 tool |
| Max. tool dia. / adj. pocket empty: | Ø 3.1" / Ø 5.9" |
| Max. tool length: | 11.8" |
| Max. tool weight: | 15.4 lbs |

General

| Power requirement: | 32 KVA |
| Pneumatic tank requirement (min.): | 5 ~ 8 (5) kg/cm^2 |
| Coolant tank capacity (pump): | 63.4 gal (1 hp) |

Dimension & Weight

| L X W X H: | 136" x 107" x 108" |
| Weight: | 12,760 lbs |
Standard Accessories
Booster (unclamp) cylinder  Auto lube  Air gun & spindle air blast
Full enclosure  Coolant system  Halogen work light
Telescoping way cover  Power chain  Operation manual
Tools & box  Spindle coolant unit  Encoder set
Screw type chip auger  Electric cabinet set w/ bracket

Optional Machine Accessories
CK-105  52pcs Clamping Kit slot 0.71” (18mm); stud: 5/8-11
CP-MIST  Mist Coolant System
UG-RPM100  Upgrade to 10000 rpm (need to be finished in factory)
UG-MT15  Upgrade to high torque Y and Delta Motor
VISE-6  6” Angle Vise W/ Swivel Base (Import)
C40RK-45  Retention Knob Cat40, 45degree 20pcs
UG-MT15-20  Upgrade Motor from 15 to 20HP
CP-SP  Coolant Through Spindle

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

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

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