MACHINE FEATURES

- **Centroid M400 control with 15” LCD**
- 7.5 HP Spindle Motor NT40 Spindle Taper
- 4,500 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: 15.7" x 54" (400x1370 mm)
Longitudinal travel: 40" (1016 mm)
Cross travel: 20" (510 mm)
Vertical travel: 22" (560 mm)
Spindle nose to table top (D): 4" to 26" (100-660 mm)
Load capacity: 1550 lbs (700 kgs)
Spindle taper: NT40
Spindle speed: 60 to 4200 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 21.7" (450 mm)

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

Motor:
Spindle motor/max torque: 7.5 HP / 5.5 kW
Feed motors on XYZ: 1 kW - AC
Coolant pump: 1/8 Hp
Lubrication pump: 150 W
Power requirement: 15 KVA, 3 Phase 208V to 230V (Max)

Dimension & Weight:
Length x Width x Height: 115" x 78" x 96" (2920x1980x2440 mm)
Net weight: 6820 lbs (3100 Kgs)

STANDARD ACCESSORIES:
Tools & box
Leveling bolts & plate
Leveling bolts & plate
Operation manual
15" color LCD
Leveling bolts & plate
Auto lube system
Halogen work light
RS-232 interface
Operation manual
15" color LCD
Leveling bolts & plate
Auto lube system
Halogen work light
USB 2.0 port
Coolant system
Tools & box
Leveling bolts & plate
Operation manual
Auto lube system
USB 2.0 port

ADDITIONAL ACCESSORIES INFORMATION:

<table>
<thead>
<tr>
<th>Power requirement</th>
<th>15 KVA 3 phase 208V/230Vmax</th>
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<tbody>
<tr>
<td>Air requirement</td>
<td>With opt. power draw bar 90 - 100 psi</td>
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<tr>
<td>Type of oil for Way oil / oil chiller / pneumatic oil</td>
<td>Mobil Vactra #2 / Shell Tellus 32 / Air tool oil</td>
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<tr>
<td>Coolant capacity</td>
<td>7 Gallons</td>
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* WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE *

CLEVELAND MACHINERY SALES INC.
5000 BROOKPARK ROAD
CLEVELAND, OHIO 44134
PHONE: 216-741-8900
FAX: 216-741-8995
WEBSITE: www.clevelandmachinery.com
EMAIL: sales@clevelandmachinery.com