MACHINE FEATURES:

- 7.5HP Spindle Motor
- BT40 or CAT40 Spindle Taper
- 6,000 rpm spindle speed
- Hardened & Ground
- Turcite-B coating guide way
- Table Guard

- CENTROID M400S CNC CONTROL WITH 15” LCD
  - 7.5HP Spindle Motor, BT40 or CAT40 Spindle Taper
  - 6,000 rpm spindle speed
  - Hardened & Ground with Turcite-B coating guide way
  - C3 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 axis to provide maximum rigidity & stability
  - Telescopic steel way cover 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: 16” x 41” (405 x 1040 mm)
Longitudinal travel (X axis): 33.9” (860 mm)
Cross travel: 15.5” (394 mm)
Vertical travel: 20” (508 mm)
Spindle nose to table top (D): 4.8”-24.8” (122-630 mm)
Load capacity: 1500 lbs (680 Kgs)
Spindle taper: BT40 or CAT40
Spindle Speed (r.p.m.): 6000 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 17” (432 mm)
Feed Rate:
Rapid feed rate: X/Y/Z: 150 ipm DC, 320ipm AC
Cutting feed rate: 1-120 ipm DC; 160ipm AC
Motor:
Spindle motor/max torque: 7.5 HP/28 Ft-LB. (37 NM)
Feed motors on XYZ: 40 in/lbs. DC, or AC 1 KW
Coolant pump: 1/8 HP
Lubrication pump: 150 Watt
Power requirement: 17KVA, 3 Phase 208-230 voltage
Automatic Tool Changer:
No. of tools: 16 (Umbrella)
Max. Tool Diameter: 3.54” (90 mm)
Max. Tool Length:
Max. Tool Weight: 15.4 lbs (7 Kg)
Length x Width x Height: 84”x 88”x90” (Table Guard)
(2133 mm x 2235 mm x 2280 mm)
Net Weight: 6,000 lbs. (2727 Kgs)

Standard Accessories:

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<td>Halogen work light</td>
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Additional Accessories information:

| Power requirement: | 14 KVA 3 phase 208V/230Vmax |
| Air requirement: | 90 - 100 psi |
| Type of oil for Way oil/ Oil chiller/ Pneumatic oil: | Mobil Vactra #2 / Shell Tellus 32 / Air tool oil |
| Coolant capacity: | 26 Gallons |