CLEVELAND
MODEL: E526 VERTICAL MACHINING CENTER

MACHINE FEATURES:
15HP Spindle Motor, BT40 or CAT40 Spindle Taper
20 tools ATC Armless
6,000 rpm spindle speed
Hardened & Ground
Turcite-B coating guide way
Table Guard

- CENTROID M400 CNC CONTROL WITH 15” LCD
- 20 tools ATC Armless
- 15HP 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
- 4 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: 20” x 60” (510 x 1520mm)
Longitudinal travel (X axis): 52” (1320mm)
Cross travel: 26” (660mm)
Vertical travel: 27.6” (700mm)
Spindle nose to table top (D): 4.3”-31.8” (108-808mm)
Load capacity: 2500 lb (1136 Kg)
Spindle taper: BT40 or CAT40
Spindle Speed (r.p.m.): 6000 rpm
Transmission of spindle & motor: Belts
Spindle center to column front surface: 27.5” (700 mm)
Feed Rate:
Rapid feed rate: X/Y/Z: 320ipm AC
Cutting feed rate: 1-160 ipm
Motor:
Spindle motor/max torque: 15HP/75NM
Feed motors on XYZ: AC 2 Kw
Coolant pump: 1/4 Hp
Lubrication pump: 150W
Power requirement: 15 KVA, 3 Phase 208-230 voltage
Automatic Tool Changer:
No. of tools: 20
Max. tool diameter: 3.5” (90 mm)
Max. tool length:
Max. tool weight: 15 lb (7 Kg)
Length x Width x Height: 100.4” x 90” x 90”
Net Weight: 12,320 lbs. (5600 Kgs)

Standard Accessories:
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<th>Tools &amp; tool box</th>
<th>Table guard</th>
<th>Shop floor programming/Conversational</th>
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<td>Leveling bolts &amp; plate</td>
<td>Auto lube system</td>
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<td>Halogen work light</td>
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<td>RS-232 Interface</td>
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<td>Air blast, coolant flush gun</td>
<td>128 MB solid state hard drive</td>
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Additional Accessories information:
| Power requirement:     | 25 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                |

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