MACHINE FEATURES:

- Centroid M400i control with 15" LCD
- 5 HP spindle motor, CAT40 spindle taper
- 8,000 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)
- AUTOMATIC TOOL CHANGER (OPT.)
- FULL ENCLOSURE (OPT.)

Specification

Table: 10" x 54"
Longitudinal travel: 33.8"
Cross travel: 19.6"
Vertical travel: 25.1"
Saddle size: 20.07"
Spindle nose to table top (D): 3.93" to 29.13"
Spindle taper: CAT40
Spindle speed: 8000 rpm
Load capacity: 1100 lbs
T-slot: 0.62" x 3 x 2.55"
Transmission of spindle & motor: Belt

Feed Rate

Rapid feed rate: X/Y/Z: 240 ipm AC
Cutting feed rate: 1 to 120 ipm

Motor

Spindle motor/max torque: 5 HP
Servo motors on XYZ: 1 kW - AC
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: OPT
Max tool diameter: 3.5" (90 mm)
Max tool weight: 15 lbs (7 kgs)

Dimension & Weight

Length x width x height: 115.6" x 82.7" x 101.6"
Net weight: 4550 lbs
Standard Accessories
Tools & box  Leveling bolts & plate  RS-232 interface
Operation manual  15” color LCD  Auto lube system
Coolant system  Splash guard  USB 2.0 port
Halogen work light  60 GB solid state hard drive  Shop floor programming/Conversational

Optional Machine Accessories
CK-001  52pcs Clamping Kit slot: 5/8” (16mm) stud: 1/2-13
CP-MIST  Mist Coolant System
VISE-6  6” Angle Vise W/ Swivel Base (Import)
ENCLOSURE  Full enclosure
16ATC  16 T Magazine - Umbrella with software

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
11069  100 Step MPG

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)

Additional Accessories Information
Power requirement: ........................................................................ 10 KVA 3 phase 208V to 230V (Max)
Air requirement: .......................................................................... With opt. power draw bar 90 - 100 psi
Type of oil for way oil / oil chiller / pneumatic oil: .......................... Mobil Vectra #2/ Shell Tellus 32/ Air tool oil
Coolant capacity: ......................................................................... 7 Gallons

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

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