MACHINE FEATURES:

- Centroid control with 15" LCD
- 20 tools ATC armless
- 20 HP spindle motor, CAT50 spindle taper
- 6,000 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 axis to provide maximum rigidity & stability
- Telescopic steel way cover on three axes
- Tool box & tools
- Coolant system
- Auto lubrication system
- Built-in work lamp
- Rigid tapping (opt)
- Portable hand wheel (opt)

Specification

Table: 32" x 126"
Longitudinal travel: 118"
Cross travel: 35.4"
Vertical travel: 29.5"
Load capacity: 4850 lbs
T-slot: 0.7" x 7 x 3.93"

Spindle Head
Spindle taper: CAT50
Spindle speed: 6000 rpm
Feed rate: 393 ipm
Ballscrew (X,Y-axis) / (Z-axis): D3.14" / D2.48"
Rapid travel (X,Y-axis) / (Z-axis): 393" ipm / 787" ipm

Motor
Spindle motor: 20 HP
Feed motors on XYZ: AC 3kW
Coolant pump: 1 HP
Lubrication pump: 150 W
Power requirement: 35 KVA, 3 Phase 208V to 230V (Max)

Automatic Tool Changer
No. of tools: 20
Max tool diameter: 3.54"
Max tool weight: 15.4 lbs

Dimension & Weight
Length x width x height: 240" x 89" x 100"
94" x 88" x 59"
70" x 88" x 43"

Net weight: 32180 lbs / 2425 lbs / 1763 lbs
Standard Accessories
- Work lamp - 110V
- Chip tray + tank
- Tool box
- Coolant pump
- X/Y/Z axis telescopic cover
- Column side rear splash guard
- Auto lubrication system -110V
- Heat exchanger for electrical cabinet
- 20 tools ATC armless

Optional Machine Accessories
- ARM24T: Arm ATC 24T
- ARM40T: Arm ATC 40T
- ENCLOSURE: Full Enclosure
- SEMI-ENCLOU: Semi Enclosure
- CHIP: Chip Auger

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

Additional Accessories Information
- Power requirement: 35 KVA 3 phase 208V to 230V (Max)
- Air requirement: With opt. power draw bar 90 - 100 psi
- Type of oil for way oil / pneumatic oil: Mobil Vectra #2/ Shell Tellus 32/ Air tool oil
- Coolant capacity: 26 Gallons

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

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