

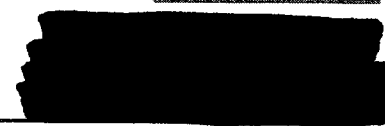
STANDARD EQUIPMENT IN BASE PRICE

- " 12" Color LCD display
- " Ethernet Connection
- " USB Port
- " Auxiliary Keyboard jack with keyboard
- " Offline FastCAM software for programming
- " User Definable Custom Macros
- " Feedrate and Spindle speed overrides
- " Spindle load meter
- " Edit key lock-out switch
- " LCD hour meter
- " Tri-color end of cycle warning light
- " Single spare "M" function with CNC wait channel
- " Rigid tapping
- " Spindle orientation
- " Remote Handwheel (MPG)
- " Work lamp
- " 8000 RPM 70 mm spindle
- " 24/15 HP (18/11kW) spindle motor
- " High precision spindle with angular contact bearings
- " Cartridge spindle design
- " Spindle Air Purge
- " One piece Meehanite cast iron base
- " Fully ground 54" x 16" table
- " Fully Ground Box Ways on Y & Z axis
- " AC Servo motors belt driven to oversized ballscrews on all axes
- " 40mm double nut ball screws on all axes
- " Double anchored, pre-tensioned ball screws
- " 500/300 IPM Rapid Traverse rate
- " Matched AC Servo Amplifiers on all axes
- " Telescopic metal way covers on X and Y axis
- " Removable table chip guard
- " Flood coolant system
- " Programmable spray mist
- " Coolant drip pan
- " Rear splash guards
- " Automatic metered way oil lubrication
- " Instruction manual, parts list, and electrical drawings
- " Operator and maintenance manuals

SPECIFICATIONS**CAPACITY:**

- X axis travel 60" (1525 mm)
- Y axis travel 30" (760 mm)

2



- Z axis travel 28" (710 mm)
- Table size 73" x 24" (1850 mm x 610 mm)
- Allowable table load 3000 lbs. (1360 kg)
- T-Slot size .71" (18 mm)

SPINDLE:

- Spindle gage line to table distance 2.5" - 30.5" (65 - 775 mm)
- Column to spindle center 30.5" (775 mm)
- Spindle taper ISO No. 40
- Spindle speed (Std) 8,000 RPM
- Spindle speed (Opt) 15,000 RPM
- AC spindle motor (Std) 24/15 HP (18/11 kW)
- AC spindle motor (Opt) 24/15 HP (18/11 kW) 2 Speed Delta/WYE
- Spindle torque (Std w/8,000 RPM) 85 ft-lbs (115 N.m)
- Spindle torque (Opt w/8,000 RPM) 250 ft-lbs (339 N.m)

OPTIONAL AUTOMATIC TOOL CHANGER:

- ATC Type Carousel
- Number of tools 24
- Tool shank CT40
- Pull stud MAS 60° Retention Knob Style CT-Flange 40 Taper
- Max. tool diameter 3.5" (80 mm)
- Max. tool length 11" (279 mm)
- Max. tool weight 15 lbs. (7kg)

MOTION:

- X/Y, Z axis rapid traverse rate 500/400 IPM (12/10 m/min)
- Max. cutting feed rate 300 IPM (7.6 m/min)
- Positioning accuracy +/- 0.00039" (+/- 0.010 mm)
- Repeatability 0.0002" (0.005mm)
- Axis thrust force X/Y,Z 3000/4000 lbs. (1360/1800 kg)

GENERAL:

- Machine Height 133" (3378 mm)
- Floor Space Required (W x D) 169" x 99" (4293 x 2515 mm)
- Machine Weight 11,000 lbs. (5000 kg)
- Power required 23 KVA / 60 amps
- Voltage required 208-240 Volts / 3 Phase

