



ELROD MACHINE & MFG.

CNC Machine Tool Sales & Service

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- **Centroid M400 control with 15" LCD**
- **10 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)**



Specification

Table:	16.5" x 63" (420x1600 mm)
Longitudinal travel:	51" (1300 mm)
Cross travel:	24.5" (630 mm)
Vertical travel:	24" (610 mm)
Spindle nose to table top (D):.....	5" to 30" (120-750 mm)
Load capacity:	2000 lbs (980 kgs)
Spindle taper:.....	NMTB40 or CAT40
Spindle speed:	60 to 8000 rpm
Transmission of spindle & motor:.....	Belts
Spindle center to column front surface:	25.5" (660 mm)

Feed Rate

Rapid feed rate:	X/Y/Z: 250 ipm AC
Cutting feed rate:	1 to 120 ipm

Motor

Spindle motor: 10 HP / 7.5 kW
 Feed motors on XYZ: 2 kW - AC Servo
 Coolant pump: 1/8 Hp
 Lubrication pump: 150 W
 Power requirement: 15 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: 165" x 84" x 105"
 (4190x2130x2670 mm)
 Net weight: 8360 lbs (3800 kgs)

Model	Spindle	Travel X/Y/Z	CNC System	Spindle Motor	Axes Motor	FOB CA
BM560H	CAT40	51/24.5/24"	M400	7.5kW(10HP)	2kW-AC	\$62,300

Standard Accessories

Tools & box	Leveling bolts & plate	RS-232 interface
Operation manual	15" color LCD	Splash guard
Auto lube system	Halogen work light	120 GB solid state hard drive
USB 2.0 port	Coolant system	Shop floor programming/Conversational

Optional Machine Accessories

CK-105	52pcs Clamping Kit	\$220
CP-MIST	Mist Coolant System	\$715
UP-15H	Upgrade spindle motor to 15 Hp	\$2,200
ENCLOSURE	Full Enclosure	\$6,000
SEMI-ENCLOU	Semi Enclosure	\$4,500
CHIP	Chip Auger	\$5,600
16ATC	16 T magazine Umbrella with software	\$5,600
C40RK-45	Retention Knob Cat40, 45degree 20pcs	\$240
TG-CNC	Table Guard	\$1,170
TRAN-17	Transformer: 28KVA (440~480V)	\$2,600
WISE-6	6" Angle Vise W/ Swivel Base (Import)	\$360

Optional Software Accessories

10620	Compression tapping	Free
10610	User definable Macros and sub programs [M98 & G65]	Free
10851	Cutter compensation	Free
10360	4th axis software	Free
10630	Unlimited part program size	\$550
10730	Intercon off-line conversational program (for your desktop PC)	\$275
10810	Rigid tapping [G74 & G 84] (includes 10620)	\$550
10850	Coordinate system rotation (CSR)	\$220
10625	Scaling and mirroring [G50 & G51]	\$220
10814	DXF in, CAD drawing input software	\$305
10660	BCD tool change output	\$280
10740	Engraving software	\$500

Digitizing & Probing



10405	DP-4 probing package w/ CSR (10850)	\$1,590
12486	DP-7 probing package w/ CSR (10850)	\$4,200
10770	2D & 3D digitizing software (requires 10405)	\$3,350
10220	TT-1; Tool touch off kit	\$649
12468	TT-2; Tool touch off kit	\$1,295
10772	Tool room package (10405 & 10220 & 10600 work coordinate)	\$2,239
Manual Pulse Generators (MPG)		
11069	100 Step MPG	\$495

Additional Accessories Information

Power requirement: 20 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

Terms & Conditions

F.O.B.: Pomona, CA 91768
Delivery: Please check with Elrod Machine or Atrump's Sales Team
Standard Terms Of Payment: 50% down-payment, balanced due on machine delivery
Taxes: Federal, State, Local Taxes are the responsibility of Purchaser.
Validity: This proposal is valid for 30 days.
Training: \$850/Day plus travel expense. (U.S.A only)
Warranty: One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit www.atrump.com/policy for full warranty details & contract.
** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE **

