



ELROD MACHINE & MFG.

CNC Machine Tool Sales & Service

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- **Centroid M400 control with 15" LCD**
- **7.5 HP spindle motor, CAT40 spindle taper**
- **Programmable 50 to 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:	13.7" x 50" (350x1270 mm)
Longitudinal travel:	31.5" (800 mm)
Cross travel:	15.7" (400 mm)
Vertical travel:	17.7" (450 mm)
Spindle nose to table top (D):.....	4.7" to 22.4" (120-570 mm)
Load capacity:	880 lbs (400 kgs)
Spindle taper:.....	CAT40
Spindle speed:	60 to 8000 rpm
Transmission of spindle & motor:.....	Belts
Spindle center to column front surface:	17.7" (450 mm)

Feed Rate

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

Motor

Spindle motor: 7.5 HP / 5.5 kW
 Feed motors on XYZ: 1 kW - AC
 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: 110.6" x 94.5" x 96.8"
 (2800x2400x2460 mm)
 Net Weight: 5500 lbs (2500 kgs)

Model	Spindle	Travel X/Y/Z	CNC System	Spindle Motor	Axes Motor	FOB CA
BM430H	CAT40	31.5/15.7/17.7"	M400	7.5HP(5.5kW)	1kW-AC	\$44,860

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
ENCLOSURE	Full enclosure	\$5,000
16ATC	16 T Magazine - Umbrella with software	\$5,600
C40RK-45	Retention Knob Cat40, 45degree 20pcs	\$240
TG-CNC	Table Guard	\$1,170
TRAN-17KVA	Transformer: 17KVA (440~480V)	\$1,800
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
<u>Digitizing & Probing</u>		
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
<u>Manual Pulse Generators (MPG)</u>		
11069	100 Step MPG	\$495

Additional Accessories Information

Power requirement: 15 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 before 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.
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