



# ELROD MACHINE & MFG.

*CNC Machine Tool Sales & Service*

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- **Centroid M400i control with 15" LCD**
- **5 HP spindle motor, NST40/NMTB40 spindle taper**
- **4,000 rpm spindle speed with Hi-Lo gear**
- 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: .....	10" x 54"
Longitudinal travel: .....	33.8"
Cross travel: .....	19.6"
Vertical travel: .....	24"
Saddle size: .....	20.07"
Quill travel: .....	5"
Quill diameter: .....	3.93"
Spindle nose to table top (D):.....	3.93" to 27.5"
Spindle taper:.....	NST40/NMTB40
Spindle speed: .....	70 to 4000 rpm with Hi/Lo gear
Load capacity: .....	1100 lbs
T-slot: .....	0.62" x 3 x 2.55"
Transmission of spindle & motor:.....	Timing Belt
Head swivel (right/left): .....	90 degrees

## 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)

**Dimension & Weight**

Length x width x height: ..... 115.6" x 82.7" x 101.6"  
 Net weight: ..... 4550 lbs

Model	Spindle	Travel X/Y/Z	CNC System	Spindle Motor	Axes Motor	FOB CA
A2-5T	NMTB40	33.8/19.6/24"	M400i	3.7kW(5HP)	1 kW-AC	<b>\$37,085</b>

**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	\$80
CP-MIST	Mist Coolant System	\$715
PDB-MAX	Power Draw Bar-Maxi-Torque	\$710
PDB-MAX-L	Installation of Power Draw bar	\$100
QUILL-Z	Z axis Scale feedback for 3rd Quill axis	\$1,235
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
10850	Coordinate system rotation (CSR)	\$220
10625	Scaling and mirroring [G50 & G51]	\$220
10814	DXF in, CAD drawing input software	\$305
10740	Engraving software	\$500
11069	100 Step MPG	\$495

**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



### 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

### 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](http://www.atrump.com/policy) for full warranty details & contract.  
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