



CNC BED Mill MODEL: E8EC

MACHINE FEATURES

2008

- **Portable Hand Wheel – MPG -(optional)**
- **Centroid M400 control with 15" LCD**
- **ISO 9001 quality assurance**
- **10 HP Spindle Motor, CAT40 Spindle Taper**
- **6,000 rpm spindle speed** Hardened & Ground with turcite -B coating guide way
- C3 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 cover on three axes
- Tool box & Tools
- Coolant System
- Central lubrication system
- Built-in Quartz work light



Specification:

Table:	18" x 56.7" (460 x 1440mm)
Longitudinal travel (X axis):	50" (1270mm)
Cross travel:	22" (560mm)
Vertical travel:	24" (610mm)
Spindle nose to table top (D):	6"-24" (155-610mm)
Load capacity:	2420 lb (1100 Kg)
Spindle taper:	NMTB40 or CAT40
Spindle Speed (r. p.m.):	60 to 6000 rpm
Transmission of spindle & motor:	Belts
Spindle center to column front surface:	23.6" (600 mm)
Feed Rate:	
Rapid feed rate:	X/Y/Z: 150 ipm DC
Cutting feed rate:	1-120 ipm
Motor:	
Spindle motor/max torque:	10 HP
Servo motors on XYZ:	40 in-lb
Coolant pump:	1/8 Hp
Lubrication pump:	150W
Power requirement:	12 KVA, 3 Phase 208-230 voltage
Automatic Tool Changer	N/A
No. of tools:	
Max. tool diameter:	3.5" (90 mm)
Max. tool length:	
Max. tool weight:	15 lb (7 Kg)
Length X Width X Height (L X W X H):	90" x 88" x 90"
Net Weight:	8,030 lbs. (3650 Kgs)



ATRUMP MACHINERY, INC.



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Office: (714) 528-7061 Fax: (714) 528-4892

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MODEL	SPINDLE	Travel X/Y/Z	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
E8EC	CAT40	50" x 22" x 24"	M400S	7.5Kw(10HP)	DC 40in-lbs	\$47,850

STANDARD ACCESSORIES:

Tools & box	Chip guarding	Shop floor programming/Conversational
Leveling bolts & plate	USB 2.0	15" color LCD
RS-232 Interface	Auto lube system	Halogen work light
Operation manual	Coolant system	Files transfer by USB or Ethernet

Additional Accessories information:

Power requirement	12 KVA 3 phase 208V/230Vmax
Air requirement	With opt. power draw bar 90 - 100 psi
Type of oil for Way oil / oil chiller / pneumatic oil	Mobil Vactra #2 / Shell Tellus 32 / Air tool oil
Coolant capacity	7 Gallons

MACHINE OPTIONAL ACCESSORIES:

1. High voltage option (TRANSFORMER): 220 VOLTS TO 440 OR 480 VOLTS	\$ Call
2. Table guard	\$1,045.00
3. 6" ANGLOCK TYPE VISE WITH SWIVEL BASE	\$ 275.00
4. Reduce 3 axes Motor Size from 40 in/lb to 29 in/lb.	-\$1,100.00
5. Upgrade from 40 in/lb. Motors to 1 KW AC Motors	\$ 4,620.00

OPTIONAL CONTROL ACCESSORIES:

Since each customer has different needs and expectations for his machine tool, you can order your CNC machine with the features that fit your needs today. Then, in the future, upgrade your machine with just a phone call.

Software Options

1. Multi work coordinate system [G55-59]	700.00
2. Subprograms & Macros [M98 & G65]	1,495.00
3. Scaling and Mirroring [G50 & G51]	495.00
4. Unlimited Program Memory (1 meg is standard)	1,495.00
5. Millwrite Engraving software.	665.00
6. Rigid tapping	Call for price
7. Compression tapping	350.00
8. Ball screw mapping	INCL
9. Intercon programming software for your desk top PC (standard on your control)	840.00
10. Coordinate System Rotation	495.00
11. DXF input, tool path generator	495.00
12. On-site setup of network communication between your control and one desk top (windows based) computer.	700.00
13. Technical documents and telephone assistance for the setup of network communication between your control and one desk top (windows based) computer or a multi computer company network.	345.00



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Software Packages:

- B. Multiple work coordinates, Sub routines and Macros, Scaling and mirroring. All for 1,850.00
- C. Unlimited file size, Scaling and mirroring, Coordinate system rotation. All for 1,699.00
- D. Deluxe tool room package - a "Machines in Motion exclusive offer" including:
 - Tool touch off device and software unlock.
 - Digital touch probe and probing software unlock.
 - Coordinate system rotation unlock. All for 3,520.00

Digitizing and Probing

- 10405 Probing package includes DP-4 probe hardware and probing cycles software. 2,210.00
- 10228 Digitizing software (3D surface copying). Complete package includes Unlimited program memory and Scaling & mirroring software options. Also includes Mold Magic, desk top software for reposting digitized tool path compensating for different tool sizes and milling step over. 4,200.00
- 10220 TT-1 Tool height touch off kit. Comes with touch off hardware and software. 755.00

Accessories

- 10014 MPG Handwheel with axis selector 670.00
- 4th Axis upgrade Prices start at 4,325.00

STANDARD TERMS OF PAYMENT:

20% down-payment, balance due at time of shipment.
Terms can be negotiated to accommodate lenders and leasing company requirements.

VALIDITY: This proposal is valid for 60 days.

Training: CNC Machines purchased from Machines in Motion Inc. include free machine setup and on-site control use training. Additional days of on-site services are available at 1/2 our normal daily rate.
Travel related expenses additional.

WARRANTY: One-year warranty for any defects in material or workmanship of machine tool and factory installed components.

Contact: Doug Laursen of Machines in Motion Inc. **Personal cell phone number 714 404-2996**

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