



CNC BED MILL MODEL: B3EC

MACHINE FEATURES

- Centroid M400S control with 15" LCD
- ISO 9001 quality assurance
- 5 HP Spindle Motor, NST40/NMTB40 or CAT40 Spindle Taper
- Programmable 50 to 6,000 rpm spindle speed with HI-LO pulley
- Hardened & Ground with turcite-B coating guide way
- C5 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



Specification:

Table:	10" x 50" (254x1270 mm)
Longitudinal travel (X-axis):	31.5" (800 mm)
Cross travel:	16" (410 mm)
Vertical travel:	20" (510 mm)
Spindle nose to table top (D):	3.125"-23" (80-590 mm)
Load capacity:	1000 lbs (455 Kgs)
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:	17" (430 mm)

Feed Rate:

Rapid feed rate:	X/Y/Z: 150 ipm DC
Cutting feed rate:	1-120 ipm

Motor:

Spindle motor/max torque:	5 HP/3.7 KW
Servo motors on XYZ:	29in-lb DC
Coolant pump:	1/8 Hp
Lubrication pump:	150 W
Power requirement:	6.5 KVA, 3 Phase 208-230 voltage

Automatic Tool Changer

No. of tools:	N/A
Max. tool diameter:	3.5" (90 mm)
Max. tool weight:	15 lb (7 Kg)
Length X Width X Height (LXWXH):	116" x 59" x 92.5" (2950mm x 1500mm x 2350mm)
Net Weight:	4,500 lbs. (2050 Kgs)



ATRUMP MACHINERY, INC.

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CNC BED MILL (BOX WAY)

MODEL	SPINDLE	Travel X/Y/Z	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
B3EC	NMTB40	31.5/16/20"	M400S	3.7KW(5HP)	DC 29in-lbs	\$ 36,345

CNC BED MILL OPTIONAL ACCESSORIES

**REVISION:
01012011**

Item No	Item Description	Unit Price
CK-001	52pcs Clamping Kit	\$75.00
CP-MIST	Mist Coolant System	\$715.00
PDB-MAX	Power Draw Bar-Maxi-Torque	\$710.00
PDB-MAX-L	Installation of Power Draw bar	\$100.00
TG-B3EC	Table Guard-B3EC	\$1,110.00
TRAN-17	Transformer: 17KVA (440~480V)	\$2,020.00
UG-MT5-7	Upgrade Motor from 5 to 7.5HP	\$1,460.00
UG-MT6-7	Upgrade Motor from 6 to 7.5HP	\$1,235.00
UG-Servo-1	Upgrade from DC 29in/lbs to 40in/lbs	\$1,235.00
WISE-6	6" Angle Vise W/ Swivel Base (Import)	\$310.00

Optional software accessories: Price good from Mar10 2010

Multiple work coordinate systems [G55-59 Free] (P7-P18)	10600	\$275.00
User Definable Macros and Sub Programs [M98 & G65]	10610	Free
Compression tapping	10620	\$195.00
Rigid tapping [G74 & G 84] (includes 10620)	10810	\$495.00
Scaling and Mirroring [G50 & G51]	10625	\$195.00
Unlimited part program size	10630	\$495.00
4th Axis Software	10360	Free
Coordinate System Rotation	10850	\$195.00
DXF in, CAD Drawing Input software	10814	\$275.00
Cutter Compensation	10851	Free
Intercon off-line conversational program (for your desktop PC)	10730	\$275.00
Engraving software	10740	\$450.00
DIGITIZING & PROBING		
2D & 3D digitizing software (includes Centroid's Mold Magic™ software)	10770	\$3,000.00
DP-4 probing package	10405	\$1,450.00
TT-1; Tool touch off kit	10220	\$505.00
Tool room package: DP4 Probe with probing, TT-1, and Work Coordinates	10772	\$1,955.00
ACCESSORIES		
100 Step MPG	10808	\$420.00

STANDARD ACCESSORIES:

Tools & box	Splash Guard	Shop floor programming/Conversational
Leveling bolts & plate	Coolant system	USB 2.0 Port
RS-232 Interface	Auto lube system	Power draw bar
Operation manual	Halogen work light	1 GB solid state hard drive

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Additional Accessories information:

Power requirement	6.5 KVA 3 phase 208 V/230 Vmax
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

F.O.B.: Pomona, CA. 91768

DELIVERY: Please check with Atrump for stocking status

STANDARD TERMS OF PAYMENT: 20% 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: \$680/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 ****