



ATRUMP MACHINERY, INC.

centroid.controls@gmail.com

Machines in Motion Inc.
Chino Hills, CA 91709
877-733-5500 Toll free
Your Direct Source for Atrump
Sales, Parts, Training, and Service.

Machining Center MODEL: E216 Maxi-Mill

MACHINE FEATURES

- Centroid M400S control with 15" LCD
- 16tools ATC Armless
- 7.5HP Spindle Motor, BT40 or CAT40 Spindle Taper
- 6,000 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 axis to provide maximum rigidity & stability
- Telescopic steel way cover on three axes
- Tool box & Tools
- Coolant System and air blast system
- Central lubrication system
- Built-in Quartz work light
- Rigid tapping(opt.)
- **Portable Hand Wheel (opt.)**



Specification:

Table:

Longitudinal travel (X-axis):

Cross travel:

Vertical travel:

Spindle nose to table top (D):

Load capacity:

Spindle taper:

Spindle Speed (r.p.m.):

Transmission of spindle & motor:

Spindle center to column front surface:

14.2" x 34.4" (360 x 880mm)

26" (660mm)

16.1" (410mm)

20.1" (510mm)

4.1"-24.2" (105-615mm)

900 lb (409 Kg)

BT40 or **CAT40**

6000 rpm

Belts

17.7" (450 mm)

Feed Rate:

Rapid feed rate:

Cutting feed rate:

X/Y/Z: 150 ipm DC, 320ipm AC

1-120 ipm/DC; 150ipm/AC

Motor:

Spindle motor/max torque:

Feed motors on XYZ:

Coolant pump:

Lubrication pump:

Power requirement:

7.5HP/38NM

~~29in lbs DC, or~~ AC 1 Kw

1/4 Hp

150W

14 KVA, 3 Phase 208-230 voltage

Automatic Tool Changer

No. of tools:

Max. Tool diameter:

Max. Tool length:

Max. Tool weight:

Length X Width X Height (LXWXH):

Floor Size:

Net Weight:

16

3.54" (90 mm)

15.4 lb (7 Kg)

90" x 83.1" x 90"

90" x 83" x 98.2"

5,500 lbs. (2500 Kgs)

CNC VERTICAL MACHINEING CENTER (BOX WAY)

REVISION: 01012011



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MODEL	SPINDLE	Travel X/Y/Z	ATC Armless	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
E216AC	BT40/CAT40	26/16.1/20"	16 Tools	M400	5.5Kw(7.5HP)	AC 1KW	\$ 50,270
E216	BT40/CAT40	26/16.1/20"	16 Tools	M400S	5.5Kw(7.5HP)	DC 29in-lbs	\$ 50,270

STANDARD ACCESSORIES:

Tools & box	Full guarding	Shop floor programming/Conversational
Leveling bolts & plate	USB 2.	Auto Lubrication / coolant system
RS-232 Interface	0Auto lube system	Halogen work light
Operation manual	Air blast, coolant flush gun	1GB solid state hard drive

CNC BED MILL OPTIONAL ACCESSORIES

**REVISION:
01012011**

Item No	Item Description	Unit Price
CK-001	52pcs Clamping Kit	\$220.00
CP-MIST	Mist Coolant System	\$715.00
TC CNC	Table Guard E5/E6/E8 EC&FC	\$1,170.00
TRAN-17	Transformer: 17KVA (440~480V)	\$2,020.00
UG-MT7.5-10	Upgrade Motor from 7.5 to 10HP	\$1,795.00
UG-RPM80	Upgrade from 6,000 to 8,000 RPM	\$3,700.00
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
CHIP-AG-E2	Chip Auger -E216	\$3,080.00
C40RK-45	Retention Knob Cat40, 45degree 20pcs	\$340.00

Additional Accessories information:

Power requirement	14 KVA 3 phase 208V/230Vmax
Air requirement	90 - 100 psi
Type of oil for Way oil / oil chiller / pneumatic oil	Mobil Vactra #2 / Shell Tellus 32 / Air tool oil
Coolant capacity	26 Gallons

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

DELIVERY: Please check with Machines in Motion

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: Including One day training Plus travel expenses.

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 **

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Optional Software and Accessories Price Sheet

New Prices Effective February 7, 2010

FREE Features are former options included as standard features on all new controls.

Software Description	Part #	Price
Compression tapping	10620	Free
User Definable Macros and Sub Programs [M98 & G65]	10610	Free
Cutter Compensation	10851	Free
4 th Axis Software	10360	Free
Extended Multiple work coordinate systems [G54 p1 –p12] (6 WCS are included, this option provides an additional 12 work coordinates)	10600	\$305
4MB part program size	-	Free
Unlimited part program size	10630	\$550
Intercon conversational programming (for your CNC control)	10729	Free
Intercon off-line conversational program (for your desktop PC)	10730	\$275
Rigid tapping [G74 & G 84] (requires spindle encoder feedback)	10810	\$550
Coordinate System Rotation (CSR)	10850	\$220
Scaling and Mirroring [G50 & G51]	10625	\$220
DXF import, CAD Drawing Input software	10814	\$305
BCD tool change output (M-39, M-400, T39, or T400 only)	10660	\$280
Engraving software	10740	\$500
Digitizing & Probing	Part #	Price
DP-4 probing package w/ Probe, Probing software, and CSR (10850) **	10405	\$1,590
DP-7 probing package w/ Probe, Probing software, and CSR (10850)	12431	\$4,200
2D & 3D digitizing software (includes CENTROID's Mold Magic™ software) requires 10405 or 10960	10770	\$3,350
TT-1; Tool touch off kit	10220	\$649
TT-2; Tool touch off kit (2 axis)	12486	\$1,295
Tool room package: (10405) DP4 Probe with probing cycles, (10220)TT-1 tool touch off sensor and software cycles, (10600)Work Coordinates **	10772	\$2,239
Manual Pulse Generators (MPG)	Part #	Price
100 Step MPG, CNC10 system	10808	\$495
100 Step MPG, MPU11 system	11069	\$495

** New MPU control systems may require a touch probe cable along with your purchase of this DP-4 or TT-1 touch probe.

Software purchases are non-refundable.

This price sheet supersedes all previous pricing. Beginning February 7, 2010