

Machines in Motion, Inc. 877 733-5500
Sales, Service, Control use training
Factory direct sales for all Atrump Products

CNC Machining Center: E216 Maxi-Mill

Starting at only \$43,800.00 FOB CA

Auto Tool change and full enclosure are optional



**Atrump Proven High Quality
Machines and Promoting
Centroid Control since 1989**



Ball-Bar Testing on every machine

Specification

TABLE	34.4" x 14.2" (360mm x 880mm)
X TRAVEL	26" (660mm)
Y TRAVEL	16.1" (410mm)
Z TRAVEL	20.1" (510mm)
SPINDLE NOSE TO TABLETOP	4.1" to 24.2" (105- 615mm)
SPINDLE CENTER TO COLUMN	17.7" (450mm)
TABLE LOAD CAPACITY	880 LBS (040KGS)
T-SLOT (3)	0.7" x 4.25"
SPINDLE TAPER	CAT40/BT40
PROGRAMABLE SPINDLE SPEED	6000rpm
TRANSMISSION SPINDLE-MOTOR	Belt
RAPID FEED RATE X/Y/Z	320/320/320 ipm
CUTTING FEED RATE	1 to 160 IPM
SPINDLE MOTOR/MAX POWER	7.5HP (Optional:10HP)
SERVO MOTORS ON XYZ	1 kW / 1 kW / 1 kW
COOLANT PUMP	1/4 HP
TOOL MAGAZINE CAPACITY	Armless 16 tools (Optional)
MAX. TOOL DIA	Ø 3.1"
ADJ. POCKET EMPTY	Ø 3.54"
MAX. TOOL LENGTH	11.8" (300mm)
MAX. TOOL WEIGHT	15.4lbs Total:176lbs
LUBRICATION PUMP	Auto lubrication
NET WEIGHT	5,500 LBS. (2500KGS)
POWER REQUIREMENT	14 KVA 3 phase 208V-230V
AIR REQUIREMENT	70-100 psi (5~8 kg/cm^2)
OIL WAY RECOMMENDED	Mobil Vectra #2
OPTIONAL CHILLER OIL	Shell Tellus 32
COOLANT CAPACITY	26 Gallons

Featuring:

Centroid's Easy Conversational Programing

Huge 15" Color Touch Screen

60GB Reliable SSD, RS232 and 2USB ports for easy data X-fer.

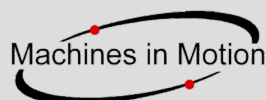
Box way design on XYZ to provide maximum rigidity & stability

C5 precision ball screws hardened & ground for high accuracy and long lasting

FC30 Meehanite castings with annealed & stress relieved for long term reliability

100% Laser tested and calibrated positioning accuracy and repeatability.

High speed Delta AC motors and Drivers and Spindle inverter.



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Machine Standard

Auto lube system	Coolant system	Shop floor programming/Conversational
15" color LCD	60 GB solid state hard drive	Table guard + Splash guard
USB 2.0 port	RS-232 interface	Leveling bolts & plate
Tools & box	Halogen work light	Electronic Operation Manual Centroid
Parts manual machine		

Machine Options

**Are Recommended items*

*EHDW-BE6S-IM	100 Step MPG – Operators hand control box	\$395
*16ATC	16 Tools Umbrella type ATC	\$5,600
24ATC	24 Tools Arm type ATC	\$8,390
SPCR	Spindle chiller	\$2,000
UG-MT10-10	Upgrade to 10HP spindle motor	\$1,905
UG-RPM-80	Upgrade spindle speed to 8,000 RPM + Spindle chiller	\$3,920
UG-RPM-80	Upgrade spindle speed to 10,000 RPM + Spindle chiller	\$5,700
Full Enclosure	Upgrade to Full Enclosure	\$4,280
CHIP-AG-E3	Chip auger (only available with full enclosure)	\$3,100
CP-MIST	Mist Coolant System	\$760
TRAN-17KVA	Transformer: 17KVA (440~480V)	\$1,910



Spindle Chiller



16 Tools Umbrella type ATC



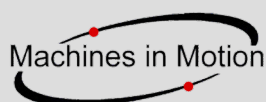
100 Step MPG



**6" Angle Vise HAV-6
(Made in Taiwan)**

Tools Options

CAT40 KIT RECOMMEND		
CK-105	52pcs Clamping Kit	\$280
CAT40- TOOL16	CAT40 EM Tool Holder + Keyless Chuck + Retention knob (*16 pcs.) EM 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1"+C40RK-45(x8) +INT-13-CAT40 (x1)	\$800
HAV-6	6" Angle Vise W/ Swivel Base (Made in Taiwan)	\$530
Total Special kit price		\$1610 \$1530



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Optional Rotary Table



MNC-130R	CNC rotary table w/-Delta motor and driver 1KW. (Table size: 5.1")	\$7,800
DTS-130	Manual tailstock for MNC-130R	\$690
SK6 + AP1	3-Jaw manual scroll chuck w/-backplate	\$990
MNC-130RP	MNC130R 4th axis Rotary Table Package -MNC-130R+DTS-130+SK6+AP1	\$9,300
MNC-172R	CNC rotary table w/-Delta motor and driver 1KW. (Table size: 6.69")	\$8,400
DTS-171	Manual tailstock for MNC-171R	\$885
SK6 + AP1	3-Jaw manual scroll chuck w/-backplate	\$1,125
MNC-172RP	MNC170R 4th axis Rotary Table Package -MNC-172R+DTS-171+SK6+AP1	\$9,950

*A Riser Block is available for all rotary tables and tail stock packages.

CENTROID Software Options

10249	Printed Manual Centroid control	\$88
10630	Unlimited part program size	\$550
10730	Intercon off-line conversational program (for your desktop PC)	\$99
10850	Coordinate system rotation (CSR)	\$220
10625	Scaling and mirroring [G50 & G51]	\$220
10814	DXF in, CAD Drawing Input software	\$305
10810	Rigid tapping [G74 & G 84] (includes 10620)	\$550
10740	Engraving software	\$500
DIGITIZING & PROBING		
10405	DP-4 probing package w/ CSR (10850)	\$1,790
12486	DP-7 probing package w/ CSR (10850)	\$4,200
10770	2D & 3D digitizing software (requires 10405)	\$995
10220	TT-1; Tool touch off kit	\$725
12468	TT-2; Tool touch off kit	\$1,350
10772	Tool room package (10405 & 10220 & 10600 work coordinate)	\$2,439

Terms & conditions

F.O.B.: Pomona, CA 91768
 Delivery: Please check with Machines in Motion, Inc.

Standard Terms of Payment: 20% down-payment, balanced due before machine shipment.
 Taxes: Federal, State, Local Taxes are the responsibility of Purchaser.

Validity: This proposal is valid for 30 days.
 Training: \$850/Day plus travel expense Machines in Motion, Inc. includes one day of service/training

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