

- Centroid M400 control with 15" Touch Screen LCD
- 10HP spindle motor, CAT40 spindle taper
- 8,000 rpm spindle speed
- Hardened & ground with Turcite-B coating guide way
- Double nut precision ball screws hardened & ground for high accuracy and long lasting
- FC30Meehanitecasting 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:	16.5" x 63" (420x1600mm)
Longitudinal travel:	51" (1300 mm)
Cross travel:	23 "
	25" without Z cover.
Vertical travel:	24" (610 mm)
Spindle nose to table top (D):.....	5"to30" (120-750 mm)
Load capacity:	2000 lbs (980 kgs)
Spindle taper:.....	NMTB40 or CAT40
Spindle speed:	60 to 8000 rpm
Transmission of spindle & motor:.....	Belts
Spindle center to column front surface:	23"

Feed Rate

Rapid feed rate:	X/Y/Z: 250 ipm AC
Cutting feed rate:	1 to 120 ipm

Motor

Spindle motor:	10HP / 7.5 kW
Feed motors on XYZ:	2 kW - AC Servo
Coolant pump:.....	1/8 Hp
Lubrication pump:.....	150W

Automatic Tool Changer

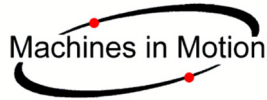
No. of tools:	OPT
Max tool diameter:.....	3.5" (90mm)
Max tool weight:	15 lbs (7kgs)

Additional Accessories Information

Power requirement:	20 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

Dimension & Weight

Length x Width x Height:.....	165" x 84" x 105" (4190x2130x2670mm)
Net weight:	8360lbs (3800kgs)



Machines in Motion, Inc. 877 733-5500
Sales, Service, Control use training
Factory direct sales for all Atrump products
CNC Bed Mill Model: BM-560H

Model	Spindle	Travel X/Y/Z	CNC System	Spindle Motor	Axes Motor	FOB CA
BM560H	CAT40	51/24.5/24"	M400	7.5kW(10HP)	2kW-AC	\$66,040

Standard Accessories

Tools & box	Leveling bolts & plate	RS-232 interface
Parts manual machine	15" color LCD	Splash guard
Auto lube system	Halogen work light	240 GB solid state hard drive
USB 2.0 port	Coolant system	Shop floor programming/Conversational
Electronic Operation Manual Centroid		

Free Software

10360 4th axis software	10620 Compression tapping	10851 Cutter compensation
10610 User definable Macros and sub programs [M98 & G65]		

Optional Machine Accessories

CK-001	52pcs Clamping Kit	\$90
CP-MIST	Mist Coolant System	\$760
*ENCLOSURE	Full Enclosure	\$6,360
TG-CNC	Table Guard	\$1,240
VISE-6	6" Angle Vise W/ Swivel Base (Import)	\$360
*16ATC	16 T magazine Umbrella with software	\$5,940
*TRAN-17	Transformer: 17 KVA (440~480 V)	\$1,500
*TRAN-28	Transformer: 28 KVA (440~480 V)	\$2,600
C40RK-45C	Retention Knob Cat 40, 45 degree 20 pcs	\$240
*UP-15H	Upgrade spindle motor to 15 Hp	\$2,335
*CHIP	Chip Auger	\$5,940

***These option prices are only for machines that need to be built in Taiwan.**

Optional Software Accessories

10249	Printed Operation Manual Centroid	\$88
10630	Unlimited part program size	\$550
10810	Rigid tapping [G74 & G 84] (includes 10620)	\$550
10850	Coordinate system rotation (CSR)	\$220
10625	Scaling and mirroring [G50 & G51]	\$220
10740	Engraving software	\$500
<u>Digitizing & Probing</u>		
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)	\$3,350
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)	\$2,239
<u>Manual Pulse Generators (MPG)</u>		
11069	100 Step MPG	\$495

Terms & Conditions

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: Machines in Motion customers receive 1 day of on-site services. Travel invoiced at cost

Warranty: One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit <http://atrump.com/policies.html> for full warranty details & contract.

** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE **