



## *Machining Center MODEL: Extron LH-87*

### MACHINE FEATURES

- Centroid M400 control
- 24 tools Swing Arm ATC
- 25HP Spindle Motor, BT40 or CAT40 Spindle Taper
- 6,000 rpm spindle speed
- Heavy duty 3 axes linear guide way
- Built in Hit 500 rotary table with 1 degree indexing
- 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
- Anti-flex Reinforced base & column to provide maximum rigidity & stability
- Telescopic steel way covers on all three axes
- Tool box & Tools
- Coolant System and air blast system
- Central lubrication system
- Built-in Quartz work light
- Rigid tapping(opt.)



### Specification:

Table:	19.6" x 36.1" (500 x 930mm)
Longitudinal travel (X-axis):	33.8" (860mm)
Cross travel Z:	24.6" (625mm)
Vertical travel Y:	28.3" (720mm)
Spindle nose to table top (D):	4"-32.3" (100-820mm)
Load capacity:	880 lb (400 Kg)
Spindle taper:	BT40 or CAT40
Spindle Speed (r. p.m.):	6000 rpm
Transmission of spindle & motor:	Belts
Spindle nose to table center:	6.2"-30.9" (160-785 mm)

### Feed Rate:

Rapid feed rate:	X/Z: 960 ipm; Y: 800 ipm
Cutting feed rate:	1-400 ipm

### Motor:

Spindle motor/max torque:	20HP, 17KW
Feed motors on XYZ:	2/3 KW
Coolant pump:	0.6Hp
Lubrication pump:	150W
Power requirement:	32 KVA, 3 Phase 208-230 voltage

### Automatic Tool Changer

No. of tools:	24 Armtime
Max. tool diameter:	3.14" (80 mm)
Max. tool weight:	15 lb (7 Kg)
Length X Width X Height (LXWXH):	100" x 113" x 108" (2560mm x 2880mm x 2760mm)



# ATRUMP MACHINERY, INC.

670 Union Ave. Pomona, CA 91768  
 Tel: 909-623-6887 Fax: (909) 922-7596  
 Toll Free Tel: 877-4 ATRUMP

[URL:www.atrump.com](http://www.atrump.com) [e-mail:atrump@atrump.com](mailto:atrump@atrump.com)

Net Weight: 14,520 lbs. (6600 Kgs)

MODEL	SPINDLE	Travel X/Z/Y	ATC Armtime	CNC SYSTEM	SPINDLE MOTOR	AXES MOTOR	FOB CA
LH-87	BT40/CAT40	33/24/28"	24Tools	Centroid M400	17KW(20HP)	AC 2KW	<b>\$103,920</b>

### STANDARD ACCESSORIES:

Tools & box	Full Guarding	Shop floor programming/Conversational
Leveling bolts & plate	MPG hand wheel	Auto Lubrication / coolant system
RS-232	Auto lube system	Halogen work light
Operation manual	Air blast, coolant flush gun	Chip auger
Centroid M400	Rs-232 interface	Build in 4 axes 20" rotary table

### Machine OPTIONAL ACCESSORIES

**REVISION: 01012011**

Item No	Item Description	Unit Price
CK-001	52pcs Clamping Kit	\$ 75.00
CP-MIST	Mist Coolant System	\$ 715.00
TRAN-17	Transformer: 32KVA (440~480V)	\$3,025.00
UG-MT15	Upgrade to high torque Y and Delta Motor	\$4,035.00
WISE-6	6" Angle Vise W/ Swivel Base (Import)	\$ 310.00
C40RK-45	Retention Knob Cat40, 45degree 20pcs	\$ 340.00
FE-LH-117	Full Enclosure-LH117	\$6,160.00
CHIP-AG-m6	Chip Auger (only available w/ full enclosure)-M632	\$5,435.00
UG-MT25-30	Upgrade Motor from 25 to 30HP	\$3,080.00
CP-SP	Coolant Through Spindle	\$8,135.00

### Optional software accessories: Price good from April 7<sup>th</sup> 2011

Multiple work coordinate systems [G55-59 Free] (P7-P18)	10600	\$305.00
User Definable Macros and Sub Programs [M98 & G65]	10610	Free
Compression tapping	10620	Free
Scaling and Mirroring [G50 & G51]	10625	\$220.00
Unlimited part program size	10630	\$550.00
4th Axis Software	10360	Free
Coordinate System Rotation	10850	\$220.00
DXF in, CAD Drawing Input software	10814	\$305.00
Cutter Compensation	10851	Free
Intercon off-line conversational program (for your desktop PC)	10730	\$275.00
Engraving software	10740	\$500.00
<b>DIGITIZING &amp; PROBING</b>		
2D & 3D digitizing software (includes Centroid's Mold Magic™ software)	10770	\$3,350.00
DP-4 probing package	10405	\$1,590.00

**REVISION: 01012011**



# ATRUMP MACHINERY, INC.

670 Union Ave. Pomona, CA 91768  
Tel: 909-623-6887 Fax: (909) 922-7596  
Toll Free Tel: 877-4 ATRUMP

[URL:www.atrump.com](http://www.atrump.com) [e-mail:atrump@atrump.com](mailto:atrump@atrump.com)

TT-1; Tool touch off kit	10220	\$610.00
Tool room package: DP4 Probe with probing, TT-1, and Work Coordinates	10772	\$2,200.00
<b>ACCESSORIES</b>		
100 Step MPG	11069	\$485.00

### Additional Accessories information:

Power requirement	32 KVA 3 phase 208 V/230 V max
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	36 Gallons

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

**DELIVERY:** Please check with Atrump's sales team

**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 but customer need to pay the travel expense.

**WARRANTY:** One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit [www.atrump.com/policy](http://www.atrump.com/policy) for full warranty details & contract.

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