

LH 117 - Centroid



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MODEL LH series

FEATURE

- 25 HP spindle motor
- BT50/CAT50 spindle taper
- 4500 rpm spindle speed

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- Centroid M400 control with 15" LCD
- 24 tools Swing Arm ATC
- 25 HP Spindle Motor, BT40 or CAT40 Spindle Taper
- 4,500 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)
- Portable hand wheel (opt)

Specification	
Table	27.6" x 49.6"
Longitudinal travel (X-axis)	43.3"
Cross travel (Z-axis)	35.4"
Vertical travel (Y axis)	27.6"
Spindle nose to table top (D)	4.6" to 32.3"
Spindle taper	BT50/CAT50
Spindle speed	4500 rpm
Load capacity	1320 lbs
Transmission of spindle & motor	Belts
Spindle nose to table center	7.8" to 43.3"

Feed Rate	
Rapid feed rate	X/Z:700 ipm Y:400 ipm
Cutting feed rate	1 - 360 ipm
Motor	
Spindle motor/max torque	25 HP / 20 kW
Servo motors on XYZ	3 kW - AC
Coolant pump	0.6 HP
Lubrication pump	150 W
Power requirement	40 KVA, 3 Phase 208V to 230V (Max)
Automatic Tool Changer	
No. of tools	24 Arm type
Max tool diameter	3.5"
Max tool weight	30 lbs
Dimension & Weight	
Length x width x height	110" x 135" x 112"
Net weight	14080 lbs

Standard Accessories		
Tools & box	Leveling bolts & plate	RS-232 interface
Operation manual	Auto lubrication/ coolant system	Air blast, coolant flush gun
Auto lube system	Splash Guard	Build in 4 axes 20" rotary table
Full guarding	Halogen work light	Shop floor programming/Conversational