



MAJESTIC MACHINERY INC.

13731 Proctor Avenue, City of Industry, CA 91746

Phone: 626-336-2350

Fax: 626-336-2890



The RIGHT machine at the RIGHT price



Model MK-3



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MK3 Vertical Machining Center

Specifications

	Item	
Work Table		8-7/8" x 25-1/2"
Table T Slots	.....	(3)
Main Spindle	.....	5 HP
Spindle RPM	.....	200 to 6,000 Inf. Variable
Spindle Nose	.....	BT-30
Tool Changer	.....	8 station Geneva type
AC Spindle Driver	.....	5 HP Vector Frequency Drive
Ways type	.....	Linear all 3 axis
Cast Iron	.....	Meehanite stress relieved
Coolant System	.....	Standard
Full enclosure	.....	Optional
Rigid Tapping	.....	Optional
	Standard Travels	
X	.....	22-3/4"
Y	.....	10"
Z	.....	18"
Feed Rates	.....	0.0001 to 500 750 IPM Rapids
Machine Foot Print	(fully assembled).....	83" Right to Left 44" Deep 86-1/2" Tall
Shipping weight	.....	2,365 lbs
Power requirements	.....	220Vac/3/60
	Controller Computer	
17" Touch Screen	150 G HDD	Dual Core 1.8 CPU's
CD / DVD player	USB ports	Speakers
Ball Mouse	Ethernet	Keyboard

Specifications subject to change without prior notice



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	CNC Operation Panel	
Cycle Start	Feed Hold	Emergency Stop
Reset	System Enable	Misc. operation
	Industry Controls®	
	CNC Control Specifications	
User friendly	6 axis plus spindle capable	PC Based
	Windows operating system	Tool Path Graphics
Conversational Style Programming	limited	Allows “fill in the blank” on board programming
EIA (standard G and M code) Programming	unlimited	Accepts G and M code programming
Standard Functions:	But not limited to	
(250) Work coordinate offsets	(250) Tool Length Offsets	Tool Cutter Compensation
G01 Linear Interpolation	G02 Clockwise & Helical Interpolation	G03 Counter Clockwise & Helical Interpolation
G04 - Dwell	3D Plane Select G17, G18, G19	G20 - G21 Inch / Millimeter
G28 - Reference Home	G31 Probing	G40 – G42 Tool Compensation
G43 Height Offset	G50 – Scale factor reset	G53 Machine Coordinates
G61 – High Speed Machining	G64 – Exact stop / Precision Machining	G68 Coordinate System Rotation
G90 Absolute Programming	G91 Incremental Programming	M98 / M99 Sub Routines