



# 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



## Royal Mill Series

The RM-1050V model manual milling machines are designed for machine shops for heavy duty production and or tool making. This model incorporates class 7 spindle bearings, an internally cooled head, satin chrome finish dials and a coolant tank built into the cast (pump not included.)

### RM-1054 CNC



CNC Control



\*Power Feed



\*Vise



Coolant tank built in the cast



\*Collet Set



\*Clamp kit



\*Rotary Table

\* = Optional accessory



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## Milling Machine Specifications:

<b>Model Number</b>	<b>RM-1054</b>
<b>Work Table</b>	<b>10" x 54"</b>
<b>Longitudinal Travel</b>	<b>34"</b>
<b>Cross Travel</b>	<b>15"</b>
<b>Knee Travel</b>	<b>15"</b>
<b>T-Slots (Qty) x Size</b>	<b>(3) 5/8"</b>
<b>T-Slot Center Distance</b>	<b>2.5"</b>
<b>Spindle Motor</b>	3 HP,230/460V, 3 Phase
<b>Head Type</b>	Variable
<b>(Number of speeds) RPM</b>	(Variable) 70 – 3,800 RPM
<b>Spindle Taper</b>	R-8
<b>Spindle Quill Diameter</b>	3-3/8"
<b>Spindle Collet Capacity</b>	1/8" to 7/8"
<b>Max. Spindle to Table</b>	19"
<b>Min. Spindle to Table</b>	5-1/2"
<b>Max. Spindle Center to Column</b>	26"
<b>Spindle Quill Travel</b>	5"
<b>Head Movement</b>	90 deg. R to L, 45 deg F to B
<b>Travel of Ram</b>	20"
<b>Maximum Workpiece weight</b>	750 lbs.
<b>Overall Dimensions LxWxH</b>	96" x 69" x 88"
<b>Net Weight Approx.</b>	3,125

Specifications are for your reference only. The builder reserves the right to change or modify specifications without prior notice. We reserve the right to correct and not be held liable for any clerical errors.

**CNC installation will cause a loss in travels. Approximately 1" in the quill and 2" in the "X" are normal.**

### Standard Accessories:

Chrome Quill

One shot lubrication system

Tool box w/ tools

Hardened and ground table

Draw bar

Meehanite casting

Scale on the column

Way covers (Front and Rear)

3 step power down feed





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## CNC Control Standard Specifications

### Industry Controls® CNC Control Specifications

Simple to use User friendly	6 axis plus spindle capable Windows operating system	PC Based Tool Path Graphics
<b>Conversational Style</b> Programming	<b>limited</b>	Allows “fill in the blank” on board programming
<b>EIA</b> (standard G and M code) Programming	<b>unlimited</b>	Accepts G and M code programming
<b>Standard Functions:</b>	<b>But not limited to</b>	
(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