

GMV-2F



9"X 50" Precision Milling Machine

- + 3-Horsepower Variable Speed Head
- + Class-7 Super Precision Spindle Bearings
- + Hard-Chrome Plated and Mirror Ground Quill
- + Hard-Chrome Plated X & Y Axis Ways
- + 9" x 50" Table Dimensions
- + Coolant Proof Halogen Lamp Standard
- + 4,000 RPM Digital Variable Speed Option Available

Table		
Table Size (W x L)	9" x 50"	(230 x 1270mm)
T-slot Width / Quantity	5/8" / 3	on 2.5" centers
Table Load Capacity	440 lbs.	(200kg)
Table Load Capacity (Evenly Distributed)	900 lbs.	(408kg)
Table Surface to Floor Dimension	32" – 48"	(820-1226mm)
Machine Travels & Capacity		
Table Travel – Longitudinal – X Axis	38"	(966mm)
Table Travel with Power Feed	33.07"	(840mm)
Cross Travel – Y Axis	12"	(305mm)
Vertical Knee Travel – Z Axis	16"	(406mm)
Overarm (ram) Travel	12"	(305mm)
Overarm Swivel	360°	
Spindle Nose-to-Table Surface	0" – 18.5"	(0 - 469mm)
Spindle Centerline to Column Face	6.75" – 18.75"	(171 - 476mm)
Leadscrews with ground pitch surface (X & Y)	0.200" per rev.	(ballscrews optional)
Adjustable scale ring display resolution	0.001"	(5mm)
Ways – X, Y & Z Axes – Hard Chrome Plated	Hardened & Ground Dovetail Ways	
Spindle Head (Vari-Speed)		
Spindle Motor	3-HP / 3-Phase 220 volts (440 Optional)	
Spindle Taper (hardened & ground)	R-8	
Spindle Runout	0.00008" maximum runout (0.002mm)	
Spindle Bearings ABEC-7 matched set	Class-7 Bearings	
Variable Speed Spindle	60 – 4,500 RPM	
Head Tilt (Left-to-Right)	90° – 0 – 90°	
Head Tilt (Front-to-Back / Up-Down)	+45° – 0 – -38°	
Head Swivel on Turret	360°	
Quill		
Quill Diameter	3-3/8"	(85.725mm)
Quill Travel – Manual & Power Feed	5"	(127mm)
Quill feeds – With Trip Release – Inch	0.0015" / 0.003" / 0.006"	
Quill feeds – With Trip Release – Metric	0.04mm / 0.08mm / 0.16mm	
Dimensions & Weight		
Machine Weight	2,222 lbs.	(1010 Kgs)
Electrical Requirements – 220 volts	3-Ph / 60 Hz / 9.5 amps	