



GMV-3F

10" x 54" Heavy Duty Milling Machine

- + Class-7 Precision Spindle Bearings
- + 3-Horsepower Variable Speed Spindle
- + Square Box Slideways on Y & Z Axes
- + Hard-Chrome Plated, Ground & Lapped Quill
- + R - 8 Taper Spindle
- + Coolant Proof Halogen Lamp Standard
- + 10" x 54" Table Dimensions
- + 4,000 RPM Digital Variable Speed Option Available

Table		
Table Size (W x L)	10" x 54"	(254 x 1,372 mm)
T-slot Width / Quantity	5/8" (15.9 mm wide)	3 on 2.5" centers
Table Load Capacity	440 lbs	(200 kg)
Table Load Capacity (Evenly Distributed)	950 lbs	(430 kg)
Table Height - Surface to floor adjustment	37.4" – 52.8"	(950 - 1,340 mm)
Machine Travels & Capacity		
Table Travel – X Axis (Optional Power Feed)	35" / 30.3"	(889 mm) / (770 mm)
Cross Travel – Y Axis	17.5"	(444.5 mm)
Vertical Knee Travel – Z Axis	15.05"	(383.27 mm)
Ram Travel (Overarm) / Swivel	18.5"	(470 mm) / 360°
Spindle Nose-to-Table Surface Travel	5.3" - 20.7"	(135 - 525 mm)
Z ² - Quill Travel - Manual & Power Feed	5"	(127 mm)
Quill Feeds - With Trip Release - Inch	0.0015" / 0.003" / 0.006"	
Quill Feeds - With Trip Release - Metric	0.04 mm / 0.08 mm / 0.16 mm	
Quill Diameter	3-3/8"	(85.725 mm)
Leadscrew ground pitch (X & Y)	0.2" per rev (ballscrews optional)	
Scale ring resolution in inches	0.001" (5 mm) (with adjustable zero position)	
Ways - Hardened & Ground	Dovetail Ways in X axis / Square Box Ways in Y & Z axes	
Spindle Head-Twin Swivel (Forward-Back & Left right)		
Spindle Motor	3-HP / 3-Phase 220 volts (440 Optional)	
Spindle Taper (hardened & ground)	R - 8	
Spindle Runout	0.0002" maximum runout (0.005 mm)	
Spindle Bearings ABEC - 7 matched set	ABEC - 7 matched set Class-7 bearings	
Variable Speed Drive - Dual Range	60 - 500 RPM (low-range) / 500 - 4,500 RPM (high-range)	
Head Tilt (Left-to-Right)	90° – 0 – 90°	
Head Tilt (Front-to-Back / Up-Down)	+45° – 0 – -38°	
Head Swivel on Turret	360°	
Dimensions & Weight		
Power Requirements 3-Phase Power	220 vac /15 amps	(440 vac optional)
Machine Weight	2,750 lbs	(1,250 kg)
Machine Dimensions L x W x H	65" x 66" x 87"	