



GMV-205F

12" x 51" Super Heavy Duty 40 Taper Milling Machine

- + Programmable Servo Controlled Ballscrew driven X, Y Table Travels
- + Available with an Optional Horizontal Spindle
- + Digital Control Touch Panel and LED Spindle Speed Readout
- + 7.5-Horsepower Spindle Motor and # 40 NST (NMTB) Spindle
- + Infinitely Variable Spindle Speeds 90 – 3,500 RPM
- + Integral Digital Position Readouts in X & Y axis
- + 12" x 51" Table Surface
- + Power Quill Feed and Power Knee Travels

Table	
Table Size (Hardened & Grounded)	11.8" x 51.18" (300 x 1,300 mm)
T-slot Width (3 Hardened T-Slots on 2.5" centers)	5/8" (15.875 mm wide)
Table Height – Surface to floor measurement	36.8" – 54.9" (435 – 1,395 mm)
Table Load Maximum	440 lbs (200 kg)
Machine Travels & Capacity	
Table Travel – X Axis	32" (815 mm)
Cross Travel – Y Axis	15" (380 mm)
Knee Travel – Z Axis	18" (460 mm)
Ram Travel (Overarm) / Swivel	18.5" (470 mm)
Spindle Nose-to-Table Surface Travel	1.5" – 19.6" (40 – 500 mm)
Spindle Nose-to-Column Travel	14" – 32.5" (355 – 825 mm)
Quill Travel - Manual & Power Feed	5" (127 mm)
Quill Feeds - With Trip Release - Inch	0.00015" / 0.0003" / 0.0006"
Quill Feeds - With Trip Release - Metric	0.004 mm / 0.008 mm / 0.016 mm
Scale Ring resolution in Inches	0.001" (5 mm) with adjustable zero position
Ways – Hardened & Ground	Square Box Ways in Y & Z-axes
Spindle Head	
Head Tilt (Left-to-Right)	90° – 0 – 90°
Head Swivel	360°
Spindle Motor	5 HP / 3 Phase / 220 Vac. (440 Vac. optional)
Spindle Taper	#40 NST (NMTB)
Spindle Runout	0.0002" maximum runout (0.005 mm)
Spindle Bearings	ABEC - 7 matched set of Class-7 bearings
Quill Diameter	3 - 3/8" (85.725 mm)
Variable Speed Spindle Drive	90 – 3,500 RPM
<i>NOTE: 5,000 RPM Spindle available with optional AC Inverter Spindle Head</i>	
Dimensions & Weight	
Power Requirements 3-Phase Power	220 vac, 7-kVA (440 vac optional)
Machine Weight	3,960 lbs (1,800 kg)
Machine Dimensions D x W x H	68" x 85" x 99"
Shipping Dimensions D x W x H	72" x 58" x 88"