



GMV-3F CNC

10" X 54" CNC Plus Mill

- + Full Manual & CNC Capability
- + Ideal for R&D Toolroom shops
- + Easy to use CNC Control
- + Precision Ball Screws
- + Rugged Meehanite castings with high density cast iron
- + Hardened & Ground Table ways
- + Class 7 Spindle Bearings
- + 3rd Axis DRO included with 2 Axis CNC Mills

| Table | | |
|--|---|---|
| Table Size (W x L) | 10" X 54" | (254 x 1372mm) |
| T-Slot Width (3 T-Slots) | 5/8" T-Slots with ground reference edges (15.9mm) | |
| Table Load Capacity (Evenly Distributed) | 950 lbs. | (430kg) |
| Machine Travels & Capacity | | |
| <i>Travel may be reduced by CNC limit switches</i> | | |
| Table Travel – X Axis (under CNC control) | 34.5" | (875mm) |
| Cross Travel – Saddle / Y Axis | 16.3" | (415mm) |
| Knee Travel –Z Axis | 15.75" | (400mm) |
| Spindle Nose-to-Table Surface Travel | 2" – 18" | (50 – 457mm) |
| Quill Travel - CNC Z Axis | 5" | (127mm) (manual & Powerfeed travel w/o 3rd) |
| Quill Feeds - With Trip Release - Inch | 0.0015" / 0.003" / 0.006" | |
| Quill Feeds - With Trip Release - Metric | 0.04mm / 0.08mm / 0.16mm | |
| Quill Diameter | 3 –3/8" | (85.725mm) |
| Ballscrew ground pitch (X & Y) | 0.2" per rev. | |
| Adjustable scale ring resolution | 0.001" | (5mm) |
| Ways - Hardened & Ground | Dovetail Ways in X-Axis | |
| Spindle Head | | |
| Spindle Motor | 3 HP | |
| Spindle Taper | R-8 #30 taper & #40 taper optional | |
| Spindle Runout | 0.0002" maximum runout (0.005mm) | |
| Spindle Bearings | ABEC-7 matched set Class-7 bearings | |
| Head Tilt (Left-to-Right) | 90° – 0 – 90° | |
| Head Tilt (Front-to-Back / Up-Down) | 45° – 0 – 45° | |
| Head Swivel | 360° | |
| Dimensions & Weight | | |
| Power Requirements 3-Phase | 220 vac | 21amps |
| Machine Dimensions L x W x H | 65" x 66" x 87" | |
| Machine Weight | 3482 lbs. | (1580 Kgs) |