

20869 Plummer St. Chatsworth, CA 91311 Toll Free: 888-542-6374 (US only) Phone: 818-349-9166 I Fax: 818-349-7286

www.ganeshmachinery.com

# GANESH Super Precision Milling Machine GMV-3 (10"X 54") *Heavy-Duty*



- Class-7 Super Precision Fafnir Spindle Bearings
- 5-Horsepower Variable Speed Head
- 60 4200 RPM Spindle Speeds (6,000 RPM Inverter Spindle Optional)
- Square Box Slideway on Y-Axis
- 1.5-Horsepower Knee Power-Feed Motor
- Hard-Chrome Plated Quill
- R-8 Taper Spindle (ISO #30 & #40 spindles optional)
- 1-Year Warranty

## **STANDARD GANESH GMV-3 MACHINE FEATURES:**

#### **Machine Construction:**



- Meehanite Castings, fine grain and high density cast iron using the superior Meehanite process yields superior vibration dampening and improved surface finish and tool life
- Built-in leveling ledge to level machine low to ground

#### Bed ways:



- Turcite-B Premium Red Furon Coated way surfaces (Made in USA)
- Hardened and Ground Dovetail Ways on X & Z Axis
- Hardened and Ground Square Box Way on Y-Axis
- Hardened and Ground Machine Table for wear resistance

#### Spindle:

- 5-HP Spindle Motor for superior metal removal capability
- Fafnir ABEC Class-7 matched Super Precision spindle bearings (Made in England)
- Spindle Runout 0.0002" maximum guaranteed! (R-8 spindle)
- Hardened, ground and polished precision Back Gear for quiet spindle operation
- Two high-output fans on spindle motor to provide extra cooling for a long service life
- Forward/ Reverse switch housed in an oil-tight switch box

#### Quill:

- Power quill feed with 3-feeds and adjustable feed stop & automatic feed trip release
- Hardened and Ground Quill Hard chrome plated for a long service life
- Quill return spring (Made in USA)

#### **Machine Features:**

- Hi -Torque 1.5-HP knee powerfeed included to enhance operator efficiency
- Multiple knee and table locks for superior rigidity
- T-slots ground to 5/8" to fit standard workholding nuts
- <u>Automatic</u> Metered Lubrication for slideways and lead screws
- Spring Loaded way cover is included for added safety and protection of machine
- Built-in coolant pump
- Chip-Tray is included
- Water resistant halogen lamp is included
- Inspection Report on accuracy, Instruction Manual, Tools and Tool Box all included
- Large compliment of parts and accessories in stock to ensure continued operation

THE BEST MILLS IN THE INDUSTRY!
BACKED BY A FULL-SATISFACTION GUARANTEE

## STANDARD GANESH GMV-3 MACHINE SPECIFICATIONS:

#### TABLE -

**Table Size:** 10" X 54" (254mm X 1372mm) **Table Travel /** (With Power Feed) 36" (914mm) / 32" (812mm)

**T-slot width** (3 Ground T-Slots) 5/8" ground reference edges (15.9mm wide)

#### **MACHINE TRAVELS & CAPACITY -**

**Table Travel /** (With Power Feed) 36" (914mm) / 32" (812mm)

 Cross Travel
 16" (400mm)

 Ram Travel
 17.7" (450mm)

 Knee Travel
 16" (406mm)

**Spindle Nose-to-Table Surface Travel** 2" – 18" (50 - 457mm)

**Quill Travel –** Manual & Power Feed 5" (127mm)

**Quill feeds –** With Trip Release 0.0015", 0.003", 0.006" (0.038mm, 0.076mm, 0.152mm)

**Quill Diameter** 3-3/8" (85.725mm)

**Leadscrew ground pitch (X & Y)** 200" per rev. (ballscrews optional)

Adjustable scale ring resolution 0.001" (5mm)

Ways – Hardened & Ground Dovetail Ways in X & Z axis

Square Box Way in Y-axis

**SPINDLE HEAD -**

Spindle Motor 5-HP, 3-Phase 208–240 vac

**Spindle Taper**R-8 (#30-taper & #40-taper optional) **Spindle Runout**0.0002" maximum runout (0.005mm)

**Spindle Bearings** Fafnir ABEC-7 matched set Class-7 bearings **Variable Speed Drive** - Dual Range 60 - 500 rpm (low-range) / 500 - 4200 rpm (high-range)

**Note:** 6,000-RPM Spindle available w/ the optional AC Inverter Spindle Head

**Head tilt** (Left-to-Right) 90 – 0 – 90 degrees **Head tilt** (Front-to-Back / Up-Down) 45 – 0 – 45 degrees

Head Swivel 360-degrees

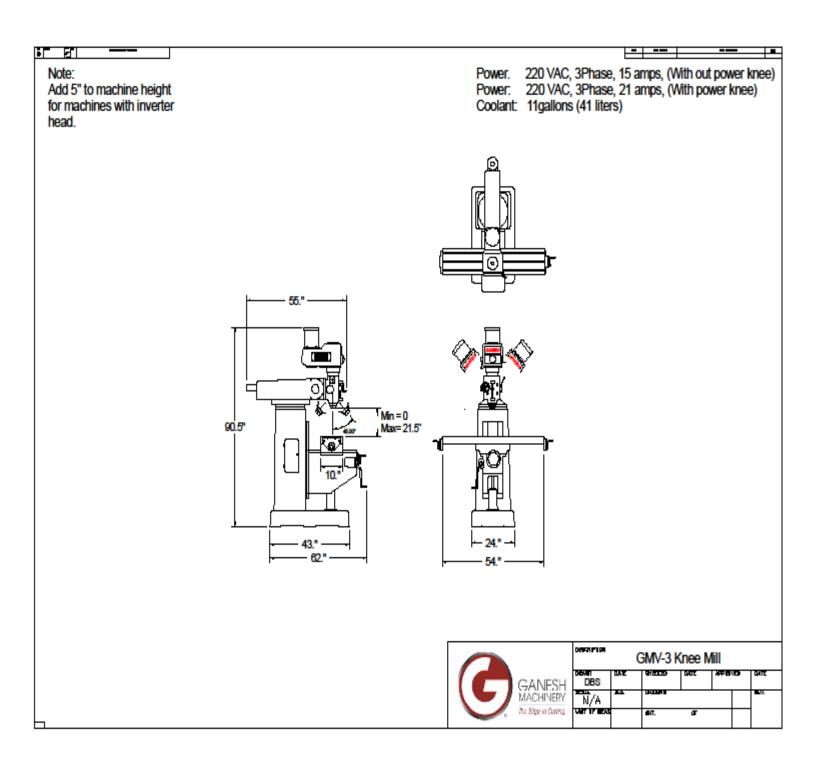
**DIMENSIONS & WEIGHT -**

Power Requirements 208-240vac, 21 amps (440vac optional)

Coolant Capacity8-Gallons (30 liters)Machine Weight3082 lbs. (1400 Kgs)

The Ganesh GMV-3 is manufactured in our Certified ISO 9001 Production Facility in TAIWAN.

# **FLOOR PLAN LAYOUT**



Prices and specifications subject to change without prior notice.