



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G8689 MINI MILLING MACHINE

### Product Dimensions:

Weight..... 101 lbs.  
 Length/Width/Height..... 20 x 20 x 30-1/4 in.  
 Foot Print (Length/Width)..... 12-1/2 x 8-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 149 lbs.  
 Length/Width/Height..... 20 x 21 x 30 in.

### Electrical:

Switch..... Toggle  
 Switch Voltage..... 110V  
 Cord Length..... 6 ft.  
 Cord Gauge..... 18 gauge  
 Minimum Circuit Size..... 15 amp  
 Plug Included..... Yes

### Motors:

#### Main

Type..... Universal Brush  
 Horsepower..... 3/4 HP  
 Voltage..... 110V  
 Prewired..... 110V  
 Phase..... Single  
 Amps..... 4.5A  
 Speed..... 6000 RPM  
 Cycle..... 60 Hz  
 Number Of Speeds..... 1  
 Power Transfer ..... Gear  
 Bearings..... Shielded, Permanently Lubricated

### Main Specifications:

#### Operation Info

Spindle Travel..... 5 in.  
 Swing..... 12-3/4 in.  
 Longitudinal Table Travel..... 7-5/16 in.  
 Cross Table Travel..... 4 in.  
 Head Travel..... 7-1/2 in.  
 Head Tilt..... Left and Right 45 deg.  
 Max. Dist Spindle To Column..... 6-3/8 in.  
 Max. Dist Spindle To Table..... 11-1/2 in.  
 Drilling Cap For Cast Iron..... 1/2 in.  
 Drilling Cap For Steel..... 1/2 in.  
 No. Of Vert. Spindle Speeds..... Variable  
 Range Of Vert. Spindle Speeds..... 0 - 1100, 0 - 2500 RPM  
 Quill Dia..... 1.580 in.

**Table Info**

Table Length.....	15-3/4 in.
Table Width.....	3-5/8 in.
Table Thickness.....	1-1/4 in.
No. Of T Slots.....	2
T Slots Width.....	0.465 in.
T Slots Height.....	5/8 in.
T Slots Centers.....	1-1/8 in.
Stud Size.....	5/8 in.

**Spindle Info**

Spindle Taper.....	MT#3
End Milling Cap.....	1/2 in.
Face Milling Cap.....	1 in.
Draw Bar Diameter.....	12 mm
Draw Bar TPI.....	M12 - 1.75
Draw Bar Length.....	4 in.
Spindle Bearings.....	Ball Bearing

**Lead Screw Info**

Lead Screw Diameter.....	5/8 in.
Lead Screw TPI.....	16
Lead Screw Length.....	12 in.

**Construction**

Spindle Housing Const.....	Cast Iron
Table Const.....	Ground Cast Iron
Head Const.....	Cast Iron
Column Const.....	Cast Iron
Base Const.....	Cast Iron
Paint.....	Epoxy

**Other**

Collars Calibrated.....	0.001 in.
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**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Assembly Time .....	30 minutes

**Features:**

- Two Speed Ranges on Geared Drive
- Spring Head Return
- Safety Shutoff Switch
- Adjustable Depth Stop
- Fine Feed Head Control
- Clear Guard on Spindle
- Rubber Chip Guards on Ways
- Zero Setting Dials
- Dials Read in Inches
- Adjustable Dovetailed Ways on Column

**Accessories Included:**

- 1/2" Drill Chuck
- 2 T-Nuts
- 3/8" and 1/2" Collets