



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.
 Width (side-to-side) x Depth (front-to-back) x Height..... 20 x 20 x 30-1/4 in.
 Footprint (Length x Width)..... 12-1/2 x 8-1/2 in.

Shipping Dimensions:

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

Electrical:

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

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 (Front-to-Back)..... Left and Right 45 deg.
 Maximum Distance Spindle to Column..... 6-3/8 in.
 Maximum Distance Spindle to Table..... 11-1/2 in.
 Drilling Capacity for Cast Iron..... 1/2 in.
 Drilling Capacity for Steel..... 1/2 in.
 Number of Vertical Spindle Speeds..... Variable
 Range of Vertical Spindle Speeds..... 0 - 1100, 0 - 2500 RPM
 Quill Diameter..... 1.580 in.

Table Info

Table Length.....	15-3/4 in.
Table Width.....	3-5/8 in.
Table Thickness.....	1-1/4 in.
Number 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 Capacity.....	1/2 in.
Face Milling Capacity.....	1 in.
Drawbar Diameter.....	12 mm
Drawbar TPI.....	M12 - 1.75
Drawbar Length.....	4 in.
Spindle Bearings.....	Ball Bearing

Lead Screw Info

Leadscrew Diameter.....	5/8 in.
Leadscrew TPI.....	16
Leadscrew Length.....	12 in.

Construction

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

Other

Collar Graduations.....	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