



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

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