



MACHINE DATA SHEET

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

MODEL G0836 MINI MILL 2.7 VARIABLE SPEED WITH DRO

Product Dimensions:

Weight..... 220 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 39 x 25 x 33 in.
Footprint (Length x Width)..... 20 x 9 in.

Shipping Dimensions:

Type..... Wooden Box
Content..... Machine
Weight..... 287 lbs.
Length x Width x Height..... 43 x 29 x 36 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 11A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Rotary FWD/REV, Button Switches, and VS Dial

Motors:

Main

Horsepower..... 1 HP
Phase..... Single-Phase
Amps..... 11A
Speed..... 5000 RPM
Type..... DC Motor
Power Transfer Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

Spindle Travel..... 2-3/4 in.
Max Distance Spindle to Column..... 8-1/4 in.
Max Distance Spindle to Table..... 12-3/16 in.
Longitudinal Table Travel (X-Axis)..... 15-3/4 in.
Cross Table Travel (Y-Axis)..... 6-5/16 in.
Vertical Head Travel (Z-Axis)..... 8-5/8 in.
Drilling Capacity for Cast Iron..... 3/4 in.
Drilling Capacity for Steel..... 5/8 in.
End Milling Capacity..... 5/8 in.
Face Milling Capacity..... 1-3/8 in.

Table Info

Table Length.....	23-5/8 in.
Table Width.....	5-1/2 in.
Table Thickness.....	1-9/16 in.
Number of T-Slots.....	3
T-Slot Size.....	7/16 in.
T-Slots Centers.....	1-3/8 in.
X/Y-Axis Travel per Handwheel Revolution.....	0.001 in.

Spindle Info

Spindle Taper.....	R8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	100 - 2000 RPM
Quill Diameter.....	2.36 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	10 in.
Spindle Bearings.....	Tapered Roller 32907

Construction

Spindle Housing/Quill.....	Cast Iron/Steel
Table.....	Cast Iron
Head.....	Cast Iron
Column/Base.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	Machine ID Label
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- Variable-Speed Spindle from 100 - 2000 RPM
- X-, Y-, Z-Axis DRO
- Spindle Depth Digital Readout
- Spindle Speed Tachometer
- X-Axis Power Feed
- R8 Spindle
- Coarse and Fine Spindle Downfeed
- Dovetail Headstock Column and Table Ways
- Front-Mounted E-Stop Button
- 3/4" Max. Drill Capacity

Accessories Included:

- 1/2" Drill Chuck and Arbor
- Spindle Wrench
- Hex Wrench Set
- Open-End Wrench Set
- M12-1.75 T-Nuts (2)
- Bottle for Oil
- Tool Box