



MACHINE DATA SHEET

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

MODEL G0935 7" X 29" 1-1/2 HP MILL/DRILL W/ POWER HEAD ELEVATION & DRO

Product Dimensions:

Weight..... 353 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 37-1/2 x 32 x 68-1/2 in.
Footprint (Length x Width)..... 20-1/2 x 11-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 574 lbs.
Length x Width x Height..... 47 x 37 x 81 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 12A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 60 in.
Power Cord Gauge..... 15 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Forward/Reverse Switch w/Emergency Stop Button

Motors:

Main

Horsepower..... 1-1/2 HP
Amps..... 12A
Speed..... 4000 RPM
Type..... DC Motor
Power Transfer Belt
Bearings..... Sealed & Permanently Lubricated

Z-Axis

Horsepower..... 25W
Phase..... Single-Phase
Amps..... 0.6A
Speed..... 1500 RPM
Type..... TENV Induction
Power Transfer Direct
Bearings..... Sealed & Permanently Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	3-5/64 in.
Max Distance Spindle to Column.....	9-1/16 in.
Max Distance Spindle to Table.....	12-5/8 in.
Longitudinal Table Travel (X-Axis).....	19-11/16 in.
Cross Table Travel (Y-Axis).....	7-7/8 in.
Vertical Head Travel (Z-Axis).....	13-3/8 in.
Drilling Capacity for Cast Iron.....	1-1/8 in.
Drilling Capacity for Steel.....	3/4 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	1-15/16 in.

Table Info

Table Length.....	29-1/8 in.
Table Width.....	7-1/16 in.
Table Thickness.....	2-1/16 in.
Table Height (from Floor/Base).....	7-1/16 in.
Table Weight Capacity.....	110 lbs.
Number of T-Slots.....	3
T-Slot Size.....	15/32 in.
T-Slots Centers.....	2-1/16 in.
X-Axis Table Power Feed Rate.....	0.001 in.
X/Y-Axis Travel per Handwheel Revolution.....	0.1 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	2 Ranges
Range of Vertical Spindle Speeds.....	80 - 1700, 280 - 5000 RPM
Quill Diameter.....	2.36 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	10-13/16 in.
Spindle Bearings.....	Angular Contact Ball Bearings

Construction

Spindle Housing/Quill.....	Cast Iron
Table.....	Cast Iron
Head.....	Cast Iron
Column/Base.....	Cast Iron
Base.....	Cast Iron
Stand.....	Cast Iron
Paint Type/Finish.....	Powder Coated

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	Yes

Features:

- 18" Swing
- Bright LED Worklight
- Includes Cabinet Stand w/Built-In Storage
- Digital Spindle Depth DRO w/0.001" Resolution
- Magnetic Tool Holder
- Front-Mounted Emergency Stop Button
- 3-Axis DRO w/0.001" Resolution
- Digital RPM Display
- 0-240 RPM Variable-Speed X-Axis Power Feed
- 30W 2A DC Motor w/1800 RPM Inside Power Feed
- R-8 Spindle
- Two Variable-Speed Spindle Ranges: 80 - 1700 and 280 - 5000 RPM
- Three 12mm T-slots
- 3" Spindle Stroke w/Fine Downfeed
- 3/4" Drilling Capacity in Steel
- 1-1/8" Drilling Capacity in Cast Iron
- Motorized Head Elevation
- Handwheel Dials with 0.001" Graduations

Accessories Included:

- JT6 Drill Chuck 1-16mm