



# MACHINE DATA SHEET

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

## MODEL G0796 9" X 49" VERTICAL MILL WITH POWER FEED AND DRO

### Product Dimensions:

Weight..... 2249 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 83 x 62 x 84 in.  
Footprint (Length x Width)..... 41 x 27 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 2580 lbs.  
Length x Width x Height..... 60 x 55 x 80 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 19A  
Minimum Circuit Size..... 30A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Recommended Power Cord..... "S" Type, 3-Wire, 12 AWG, 300VAC  
Plug Included..... No  
Recommended Plug Type..... 6-20  
Switch Type..... Forward/Reverse Switch

### Motors:

#### Main

Horsepower..... 3 HP  
Phase..... Single-Phase  
Amps..... 13.8A  
Speed..... 1720 RPM  
Type..... TEFC Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated

**Main Specifications:**

**Operation Info**

Spindle Travel.....	5 in.
Max Distance Spindle to Column.....	21 in.
Max Distance Spindle to Table.....	15-7/8 in.
Longitudinal Table Travel (X-Axis).....	28 in.
Longitudinal Leadscrew (X-Axis).....	52 in.
Cross Table Travel (Y-Axis).....	12 in.
Vertical Table Travel (Z-Axis).....	16 in.
Ram Travel.....	12 in.
Turret or Column Swivel (Left /Right).....	360 deg.
Head Tilt (Left/Right).....	90 deg.
Head Tilt (Front/Back).....	45 deg.
Drilling Capacity for Cast Iron.....	1-1/2 in.
Drilling Capacity for Steel.....	1-1/4 in.
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.

**Table Info**

Table Length.....	49 in.
Table Width.....	9 in.
Table Thickness.....	3-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	5/8 in.
T-Slots Centers.....	2-1/2 in.
Number of Longitudinal Feeds.....	Variable
X-Axis Table Power Feed Rate.....	0 – 3.41 FPM
X/Y-Axis Travel per Handwheel Revolution.....	0.200 in.
Z-Axis Travel per Handwheel Revolution.....	0.100 in.

**Spindle Info**

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	8
Range of Vertical Spindle Speeds.....	80 – 2720 RPM
Quill Diameter.....	3-3/8 in.
Quill Feed Rates.....	0.0015, 0.003, 0.006 in./rev.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	18-1/2 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.....	Enamel

**Other Specifications:**

Country of Origin .....	China
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	90 Minutes
Serial Number Location .....	ID Label
ISO 9001 Factory .....	Yes

**Features:**

- 2-Axis DRO
- One-Shot Pump Lubrication
- Auto-Stop with Micro-Adjustable Stop
- Auto-Downfeed
- Longitudinal Power Feed
- Hardened and Ground Table Surface
- Chrome-Plated Precision-Ground Quill
- 8 Spindle Speeds
- R-8 Spindle
- X/Y-Axis Covers
- Forward and Reverse Switch
- Halogen Worklight
- Service Tools and Toolbox