



# MACHINE DATA SHEET

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

## MODEL G0781 4" X 18" 3/4 HP MILL/DRILL

### Product Dimensions:

Weight..... 137 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 26-1/2 x 20-1/2 x 31 in.  
Footprint (Length x Width)..... 14-1/2 x 8-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 167 lbs.  
Length x Width x Height..... 25 x 22 x 29 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V, Single-Phase, 60Hz  
Full-Load Current Rating..... 5A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 18 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... ON/OFF Push Button Switch w/Safety Cover

### Motors:

#### Main

Horsepower..... 600W (3/4 HP)  
Phase..... Single-Phase  
Amps..... 5A  
Speed..... 5000 RPM  
Type..... Universal  
Power Transfer ..... Gear Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### Main Specifications:

#### Operation Info

Max Distance Spindle to Column..... 6-3/8 in.  
Max Distance Spindle to Table..... 11-1/2 in.  
Longitudinal Table Travel (X-Axis)..... 11-13/16 in.  
Cross Table Travel (Y-Axis)..... 5-1/8 in.  
Vertical Head Travel (Z-Axis)..... 7-1/16 in.  
Head Tilt (Left/Right)..... 45 deg.  
Drilling Capacity for Cast Iron..... 1/2 in.  
Drilling Capacity for Steel..... 1/2 in.  
End Milling Capacity..... 1/2 in.  
Face Milling Capacity..... 1 in.

**Table Info**

Table Length.....	18 in.
Table Width.....	4-1/4 in.
Table Thickness.....	1-5/8 in.
Number of T-Slots.....	3
T-Slot Size.....	7/16 in.
T-Slots Centers.....	1-1/4 in.

**Spindle Info**

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	50 – 1000, 100 - 2000 RPM
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	5-1/2 in.
Spindle Bearings.....	Ball Bearings

**Construction**

Spindle Housing/Quill.....	Cast Iron
Table.....	Precision-Ground 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
Serial Number Location .....	ID Label
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- High-torque, low-noise DC motor
- Two speed ranges on geared drive
- Safety shutoff switch
- Fine downfeed control
- Adjustable depth stop