



# MACHINE DATA SHEET

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

## MODEL G0463 6" X 22" 3/4 HP MILL/DRILL

### Product Dimensions:

Weight..... 353 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 27 x 30 x 30-3/4 in.  
 Footprint (Length x Width)..... 16 x 13 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 45-3/4 x 30 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 445 lbs.  
 Length x Width x Height..... 32 x 32 x 40 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz  
 Prewired Voltage..... 110V  
 Full-Load Current Rating..... 7A  
 Minimum Circuit Size..... 15A  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 7 ft.  
 Power Cord Gauge..... 16 AWG  
 Plug Included..... Yes  
 Included Plug Type..... 5-15  
 Switch Type..... Forward/Reverse & Button Switches

### Motors:

#### Main

Horsepower..... 3/4 HP  
 Phase..... Single-Phase  
 Amps..... 7A  
 Speed..... 0 – 3725 RPM  
 Type..... Universal  
 Power Transfer ..... Belt Drive  
 Bearings..... Sealed & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

### Main Specifications:

#### Operation Info

Spindle Travel..... 3-3/8 in.  
 Max Distance Spindle to Column..... 9 in.  
 Max Distance Spindle to Table..... 14-3/4 in.  
 Longitudinal Table Travel (X-Axis)..... 15-7/8 in.  
 Cross Table Travel (Y-Axis)..... 5-3/4 in.  
 Vertical Head Travel (Z-Axis)..... 14-7/8 in.  
 Drilling Capacity for Cast Iron..... 1 in.  
 Drilling Capacity for Steel..... 1 in.  
 End Milling Capacity..... 1 in.  
 Face Milling Capacity..... 2 in.

**Table Info**

Table Length.....	21-5/8 in.
Table Width.....	6-1/4 in.
Table Thickness.....	1-1/2 in.
Number of T-Slots.....	3
T-Slot Size.....	7/16 in.
T-Slots Centers.....	1-11/16 in.
X/Y-Axis Travel per Handwheel Revolution.....	0.100 in.

**Spindle Info**

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	Variable
Range of Vertical Spindle Speeds.....	50 – 1000, 100 - 2000 RPM
Quill Diameter.....	2.362 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	10-3/4 in.
Spindle Bearings.....	Ball Bearings

**Construction**

Spindle Housing/Quill.....	Cast Iron
Table.....	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
Approximate Assembly & Setup Time .....	30 Minutes
Serial Number Location .....	ID Label on Top of Column
ISO 9001 Factory .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- Variable Spindle Speed from 0 - 2000 RPM
- Dovetail Column with Handwheel Graduated in .0005"
- Almost 14" of Headstock Movement
- Reversing Switch
- Coolant Trough
- Push Button Emergency Switch with Indicator Lights

**Accessories Included:**

- 2 T-nuts
- 3 Open End Combo Wrenches
- 4 Allen Wrenches
- 4 Leveling Feet
- 5/8" Drill Chuck with Arbor
- Extra Drive Belt