



# MACHINE DATA SHEET

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

## MODEL G0463 MILL / DRILL

### Product Dimensions:

Weight..... 353 lbs.  
Length/Width/Height..... 27 x 30 x 30-3/4 in.  
Foot Print (Length/Width)..... 16 x 13 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 445 lbs.  
Length/Width/Height..... 32 x 32 x 40 in.

### Electrical:

Cord Length..... 7 ft.  
Cord Gauge..... 16 gauge  
Minimum Circuit Size..... 15 amps  
Plug Included..... Yes

### Motors:

#### Main

Type..... Universal  
Horsepower..... 3/4 HP  
Voltage..... 110V  
Prewired..... 110V  
Phase..... Single  
Amps..... 7A  
Speed..... 0 - 3725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... Variable  
Power Transfer ..... Belt Drive  
Bearings..... Sealed and Lubricated

### Main Specifications:

#### Operation Info

Spindle Travel..... 3-3/8 in.  
Swing..... 18 in.  
Longitudinal Table Travel..... 15-7/8 in.  
Cross Table Travel..... 5-3/4 in.  
Head Travel..... 14-7/8 in.  
Max. Dist Spindle To Column..... 8 in.  
Max. Dist Spindle To Table..... 14-3/4 in.  
Drilling Cap For Cast Iron..... 1 in.  
Drilling Cap For Steel..... 1 in.  
No. Of Vert. Spindle Speeds..... Variable  
Range Of Vert. Spindle Speeds..... Low: 0 - 1000, High: 0 - 2000 RPM  
Quill Dia..... 2.362 in.

**Table Info**

Table Length.....	21-5/8 in.
Table Width.....	6-1/4 in.
Table Thickness.....	1-1/2 in.
No. Of T Slots.....	3
T Slots Width.....	0.47 - 0.786 in.
T Slots Height.....	3/4 in.
T Slots Centers.....	1-11/16 in.
Stud Size.....	3/8 in.

**Spindle Info**

Spindle Taper.....	R-8
Spindle Sleeve Diameter.....	2.28 in.
End Milling Cap.....	1 in.
Face Milling Cap.....	.2 in.
Draw Bar Diameter.....	0.466 in.
Draw Bar TPI.....	7/16 - 20
Draw Bar Length.....	10-3/4 in.
Spindle Bearings.....	Sealed

**Lead Screw Info**

Lead Screw Diameter.....	0.625 in.
Lead Screw TPI.....	10
Lead Screw Length.....	26 1/4 in.

**Construction**

Spindle Housing Const.....	Steel
Table Const.....	Ground Cast Iron
Head Const.....	Cast Iron
Column Const.....	Ground Cast Iron
Base Const.....	Cast Iron
Paint.....	Epoxy

**Other**

Collars Calibrated.....	0.001 - 0.0005 in.
Gear Box.....	High/Low

**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Serial Number Location .....	Top of Column
Assembly Time .....	30 minutes

**Features:**

- Dovetail Column with Handwheel Graduated in .0005"
- Infinitely Variable Spindle Speed from 0 - 4000 RPM
- Push Button Emergency Switch with Indicator Lights
- Almost 14" of Headstock Movement
- 2 Speed Gear Box
- Reversing Switch
- Coolant Trough
- Circuit Fuse
- Dial Speed Control

**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