



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.
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.

Shipping Dimensions:

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

Electrical:

Minimum Circuit Size..... 15 amps
Cord Length..... 7 ft.
Cord Gauge..... 16 gauge
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.
Maximum Distance Spindle to Column..... 8 in.
Maximum Distance Spindle to Table..... 14-3/4 in.
Drilling Capacity for Cast Iron..... 1 in.
Drilling Capacity for Steel..... 1 in.
Number of Vertical Spindle Speeds..... Variable
Range of Vertical Spindle Speeds..... Low: 0 - 1000, High: 0 - 2000 RPM
Quill Diameter..... 2.362 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-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 Capacity.....	1 in.
Face Milling Capacity.....	2 in.
Drawbar Diameter.....	0.466 in.
Drawbar TPI.....	7/16 - 20
Drawbar Length.....	10-3/4 in.
Spindle Bearings.....	Sealed

Lead Screw Info

Leadscrew Diameter.....	0.625 in.
Leadscrew TPI.....	10
Leadscrew Length.....	26 1/4 in.

Construction

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

Other

Collar Graduations.....	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