



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.
 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

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

Main Specifications:

Operation Info

Spindle Travel..... 3-3/8 in.
 Max Distance Spindle to Column..... 8 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..... | 0 – 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..... | 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 |
| CSA Certified | No |

Features:

- Infinitely Variable Spindle Speed from 0 - 4000 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