



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