



MACHINE DATA SHEET

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

MODEL G0704 MILL/DRILL WITH STAND

Product Dimensions:

Weight..... 265 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 38 x 24 x 31 in.
 Footprint (Length x Width)..... 15-3/4 x 16-1/2 in.
 Space Required for Full Range of Movement (Width x Depth)..... 57 x 25 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
 Content..... Machine
 Weight..... 295 lbs.
 Length x Width x Height..... 30 x 28 x 36 in.

Carton #2

Type..... Cardboard Box
 Content..... Stand
 Weight..... 77 lbs.
 Length x Width x Height..... 17 x 17 x 33 in.

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
 Prewired Voltage..... 110V
 Full-Load Current Rating..... 12A
 Minimum Circuit Size..... 15A
 Connection Type..... Cord & Plug
 Power Cord Included..... Yes
 Power Cord Length..... 6 ft.
 Power Cord Gauge..... 16 AWG
 Plug Included..... Yes
 Included Plug Type..... 5-15
 Switch Type..... ON/OFF Push Button Switch w/Safety Cover

Motors:

Main

Horsepower..... 1 HP
 Phase..... Single-Phase
 Amps..... 12A
 Speed..... 4300 RPM
 Type..... Universal
 Power Transfer Gear Drive
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Info

| | |
|---|------------|
| Spindle Travel..... | 2 in. |
| Max Distance Spindle to Column..... | 7-1/2 in. |
| Max Distance Spindle to Table..... | 13 in. |
| Longitudinal Table Travel (X-Axis)..... | 18-7/8 in. |
| Cross Table Travel (Y-Axis)..... | 6-7/8 in. |
| Vertical Head Travel (Z-Axis)..... | 11 in. |
| Head Tilt (Left/Right)..... | 90 deg. |
| Drilling Capacity for Cast Iron..... | 3/4 in. |
| Drilling Capacity for Steel..... | 5/8 in. |
| End Milling Capacity..... | 3/4 in. |
| Face Milling Capacity..... | 2-1/2 in. |

Table Info

| | |
|------------------------|------------|
| Table Length..... | 26-5/8 in. |
| Table Width..... | 7-1/16 in. |
| Table Thickness..... | 1-3/4 in. |
| Number of T-Slots..... | 3 |
| T-Slot Size..... | 7/16 in. |
| T-Slots Centers..... | 2-1/2 in. |

Spindle Info

| | |
|--|---------------------------|
| Spindle Taper..... | R-8 |
| Number of Vertical Spindle Speeds..... | Variable |
| Range of Vertical Spindle Speeds..... | 50 – 1125, 100 - 2250 RPM |
| Quill Diameter..... | 2.36 in. |
| Drawbar Thread Size..... | 7/16-20 |
| Drawbar Length..... | 9-11/16 in. |
| Spindle Bearings..... | Tapered Roller Bearings |

Construction

| | |
|----------------------------|----------------------------|
| Spindle Housing/Quill..... | Cast Iron |
| Table..... | Precision-Ground Cast Iron |
| Head..... | Cast Iron |
| Column/Base..... | Cast Iron |
| Base..... | Cast Iron |
| Stand..... | Steel |
| Paint Type/Finish..... | Enamel |

Other Specifications:

| | |
|--|--------------------------|
| Country of Origin | China |
| Warranty | 1 Year |
| Approximate Assembly & Setup Time | 1 Hour |
| Serial Number Location | ID Label on Head Casting |
| Sound Rating | 80 dB |
| ISO 9001 Factory | Yes |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) | No |

Features:

- Digital spindle scale reads metric, inches, zero, set, on/off
- Forward/reverse switch
- Chip guard
- Digital display for spindle speed
- Dovetail column
- Front-Mounted fine feed knob
- Coolant trough

Accessories Included:

- Drill chuck 3–16mm with B16 taper
- Drill chuck arbor B16 x R8
- Two T-bolts
- Two open-ended combo wrenches
- Chuck key
- Oil bottle
- Extra fuse
- Hex wrenches
- Standard and Phillips screwdrivers
- Tool box