



MACHINE DATA SHEET

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

MODEL G0704 7" X 27" 1 HP MILL/DRILL WITH STAND

Product Dimensions:

Weight..... 265 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 38 x 24 x 67 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