



MACHINE DATA SHEET

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

MODEL G0705 8" X 29" 2 HP MILL/DRILL WITH STAND

Product Dimensions:

Weight..... 617 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 41-5/8 x 40-1/2 x 67 in.
Footprint (Length x Width)..... 28-3/8 x 17-3/4 in.
Space Required for Full Range of Movement (Width x Depth)..... 61-1/2 x 44 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 666 lbs.
Length x Width x Height..... 38 x 30 x 46 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 84 lbs.
Length x Width x Height..... 29 x 19 x 23 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 17.8A at 110V, 8.6A at 220V
Minimum Circuit Size..... 20A at 110V, 15A at 220V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6-1/2 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Recommended Plug Type..... 6-15 for 220V, 5-20 for 110V
Switch Type..... Control Panel w/Magnetic Switch Protection
Voltage Conversion Kit..... P0705311 for 110V

Motors:

Main

Horsepower..... 2 HP
Phase..... Single-Phase
Amps..... 17.8A/8.6A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Main Specifications:

Operation Info

Spindle Travel.....	4-11/16 in.
Max Distance Spindle to Column.....	7-3/4 in.
Max Distance Spindle to Table.....	17-5/16 in.
Longitudinal Table Travel (X-Axis).....	19-11/16 in.
Cross Table Travel (Y-Axis).....	7-1/2 in.
Drilling Capacity for Cast Iron.....	1-3/16 in.
Drilling Capacity for Steel.....	1 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3 in.

Table Info

Table Length.....	28-3/4 in.
Table Width.....	8-1/4 in.
Table Thickness.....	2-1/2 in.
Number of T-Slots.....	3
T-Slot Size.....	5/8 in.
T-Slots Centers.....	2-1/2 in.

Spindle Info

Spindle Taper.....	R-8
Number of Vertical Spindle Speeds.....	12
Range of Vertical Spindle Speeds.....	140 – 2436 RPM
Quill Diameter.....	2.95 in.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	17-11/16 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:

Calibrated depth stop
Fine downfeed control, graduated in 0.001 in.
Coolant trough
Quill moves 0.108 in. per revolution of fine feed handwheel
Table moves 0.100 in. per revolution of handwheel

Accessories Included:

Drill chuck 1/16-1/2 in. with MT#3 spindle taper
Tool box
Chuck key
Drift
Oil bottle
Hex wrenches
Locking nuts for leveling feet
R8 to MT#3 adapter
MT#3 to MT#2 adapter
Two T-bolts