



MACHINE DATA SHEET

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

MODEL G0705 MILL/DRILL WITH STAND 29" X 8" TABLE

Product Dimensions:

Weight..... 617 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 41-5/8 x 40-1/2 x 43-1/4 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