



# 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 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