



# MACHINE DATA SHEET

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

## MODEL G0519 MILL/DRILL/TAPPING MACHINE

### Product Dimensions:

Weight..... 620 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 46-1/2 x 31-1/2 x 57 in.  
 Footprint (Length x Width)..... 24 x 15-3/4 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 673 lbs.  
 Length x Width x Height..... 31 x 35 x 46 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz  
 Prewired Voltage..... 220V  
 Full-Load Current Rating..... 4.25A  
 Minimum Circuit Size..... 15A  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 10 ft.  
 Power Cord Gauge..... 18 AWG  
 Plug Included..... No  
 Switch Type..... Push Button/Reversing  
 Recommended Phase Converter..... G5842, G5844

### Motors:

#### Main

Horsepower..... 1 HP  
 Phase..... 3-Phase  
 Amps..... 4.25A  
 Speed..... 1725 RPM  
 Type..... TEFC Induction  
 Power Transfer ..... Gear Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

### Main Specifications:

#### Operation Info

Spindle Travel..... 4-3/4 in.  
 Max Distance Spindle to Column..... 10-1/4 in.  
 Max Distance Spindle to Table..... 20 in.  
 Longitudinal Table Travel (X-Axis)..... 21-5/8 in.  
 Cross Table Travel (Y-Axis)..... 7-7/8 in.  
 Vertical Head Travel (Z-Axis)..... 15-3/4 in.  
 Drilling Capacity for Cast Iron..... 1-5/8 in.  
 Drilling Capacity for Steel..... 1-5/8 in.  
 End Milling Capacity..... 1-1/8 in.  
 Face Milling Capacity..... 3 in.

**Table Info**

Table Length.....	32-1/4 in.
Table Width.....	9-1/2 in.
Table Thickness.....	1-3/4 in.
Number of T-Slots.....	4
T-Slot Size.....	1/2 in.
T-Slots Centers.....	2-1/4 in.
X/Y-Axis Travel per Handwheel Revolution.....	0.100 in.

**Spindle Info**

Spindle Taper.....	R8
Number of Vertical Spindle Speeds.....	6
Range of Vertical Spindle Speeds.....	120 – 1970 RPM
Quill Diameter.....	3 in.
Drawbar Thread Size.....	7/16
Drawbar Length.....	16-3/4 in.
Spindle Bearings.....	Ball Bearings

**Construction**

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

**Other**

Optional Stand.....	G5944
Recommended Mobile Base.....	D2057A

**Other Specifications:**

Country of Origin .....	China
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	45 Minutes
Serial Number Location .....	ID Label on Head Casting
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- Tapping Switch
- Auto and Manual Feed Reverse
- Eye Shield
- Quill Lock
- Reversing Switch
- Direct Drive