



# 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.

### Electrical:

Minimum Circuit Size..... 15 amp  
Switch..... Push Button/Reversing  
Switch Voltage..... 220V  
Cord Length..... 10 ft.  
Cord Gauge..... 18 gauge  
Plug Included..... No  
Recommended Phase Converter..... G5842, G5844

### Motors:

#### Main

Type..... TEFC Induction  
Horsepower..... 1 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 4-1/4A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Gear Drive  
Bearings..... Shielded, Permanently Lubricated

### Main Specifications:

#### Operation Info

Spindle Travel..... 4-3/4 in.  
Swing..... 20-1/2 in.  
Longitudinal Table Travel..... 21-5/8 in.  
Cross Table Travel..... 7-7/8 in.  
Head Travel..... 15-3/4 in.  
Head Swivel (Front-to-Back)..... Left and Right 90 deg.  
Maximum Distance Spindle to Column..... 10-1/4 in.  
Maximum Distance Spindle to Table..... 20 in.  
Drilling Capacity for Cast Iron..... 1-5/8 in.  
Drilling Capacity for Steel..... 1-5/8 in.  
Number of Vertical Spindle Speeds..... 6  
Range of Vertical Spindle Speeds..... 120, 210, 340, 670, 1180, 1970 RPM  
Quill Diameter..... 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-Slots Width.....	1/2 in.
T-Slots Height.....	7/8 in.
T-Slots Centers.....	2-1/4 in.
Stud Size.....	3/8 in.

**Spindle Info**

Spindle Taper.....	R-8
End Milling Capacity.....	1-1/8 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	7/16 - 20
Drawbar Length.....	16-3/4 in.
Spindle Bearings.....	Ball Bearing

**Lead Screw Info**

Leadscrew Diameter.....	0.950 in.
Leadscrew TPI.....	10
Leadscrew Length.....	38 in.

**Construction**

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

**Other**

Collar Graduations.....	0.001 in.
Optional Stand.....	G5944
Recommended Mobile Base.....	G7314Z

**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Serial Number Location .....	ID Label on Head Casting
Assembly Time .....	45 minutes

**Features:**

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