



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.
 Length/Width/Height..... 31-1/2 x 46-1/2 x 57 in.
 Foot Print (Length/Width)..... 24 x 15-3/4 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 673 lbs.
 Length/Width/Height..... 31 x 35 x 46 in.

Electrical:

Switch..... Push Button/Reversing
 Switch Voltage..... 220V
 Cord Length..... 10 ft.
 Cord Gauge..... 18 gauge
 Minimum Circuit Size..... 15 amp
 Plug Included..... No
 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 Tilt..... Left and Right 90 deg.
 Max. Dist Spindle To Column..... 10-1/4 in.
 Max. Dist Spindle To Table..... 20 in.
 Drilling Cap For Cast Iron..... 1-5/8 in.
 Drilling Cap For Steel..... 1-5/8 in.
 No. Of Vert. Spindle Speeds..... 6
 Range Of Vert. Spindle Speeds..... 120, 210, 340, 670, 1180, 1970 RPM
 Quill Dia..... 3 in.

Table Info

Table Length.....	32-1/4 in.
Table Width.....	9-1/2 in.
Table Thickness.....	1-3/4 in.
No. 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 Cap.....	1-1/8 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	7/16 in.
Draw Bar TPI.....	7/16 - 20
Draw Bar Length.....	16-3/4 in.
Spindle Bearings.....	Ball Bearing

Lead Screw Info

Lead Screw Diameter.....	0.950 in.
Lead Screw TPI.....	10
Lead Screw Length.....	38 in.

Construction

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

Other

Collars Calibrated.....	0.001 in.
Optional Stand.....	G5944
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