



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 Tilt (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