



MACHINE DATA SHEET

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

MODEL G0521 18" DRILLING/TAPPING MACHINE

Product Dimensions:

Weight..... 580 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 17 x 33 x 69-1/4 in.
Footprint (Length x Width)..... 30-1/4 x 30-1/4 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 656 lbs.
Length x Width x Height..... 38 x 19 x 75 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 6A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 4-1/2 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Switch Type..... On/Off Push Button
Recommended Phase Converter..... G5842

Motors:

Main

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 6A
Speed..... 1150 RPM
Type..... TEFC Induction
Power Transfer..... Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Information

Type..... Floor
Swing..... 18 in.
Spindle Taper..... MT#3
Spindle Travel..... 5-1/8 in.
Max. Distance From Spindle to Column..... 9 in.
Max. Distance From Spindle to Table..... 30 in.
Number of Spindle Speeds..... 9
Range of Spindle Speeds..... 190 – 2250 RPM
Max. Head Swivel..... 360 deg.
Drilling Capacity (Mild Steel)..... 1 in. in Steel
Tapping Capacity..... 7/8 in.

Spindle Information

Distance From Spindle to Base..... 46 in.
Quill Diameter..... 3.75 in.

Table Information

Table Swivel Around Center..... 360 deg.
Table Swivel Around Column..... 360 deg.
Max. Movement of Work Table..... 23-1/4 in.
Table Length..... 14-1/8 in.
Table Width..... 13-3/8 in.
Table Thickness..... 2-1/4 in.
Vertical Table Travel..... Crank Handle Operation
Number of T-Slots..... 2
T-Slot Size..... 7/8 in.
T-Slot Centers..... 13 in.
Floor-To-Table Height..... 24 – 47-1/4 in.

Construction

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

Other Related Information

Base Length..... 27 in.
Base Width..... 16-1/2 in.
Mobile Base..... D2057A
Column Diameter..... 4 in.
Depth Stop Type..... Stop on Elevation Handle
Collet Sizes For Taps..... 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8 in.
Has Work Light..... No

Other Specifications:

Country of Origin China
Warranty 1 Year
Serial Number Location ID Label on Head
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features:

- 11 Precision Tapping Collets Included
- Auto-reverse
- Foot Pedal Control
- 11-7/8" x 12-5/8" Base Table Size
- Precision-Ground Cast-Iron Table
- 9 Speeds