



MACHINE DATA SHEET

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

MODEL G4814 INDUSTRIAL HOLLOW CHISEL MORTISING MACHINE

Product Dimensions:

Weight..... 530 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 23 x 35 x 65 in.
Footprint (Length x Width)..... 21-1/2 x 15-1/2 in.

Shipping Dimensions:

Type..... Wood Slat Crate
Content..... Machine
Weight..... 546 lbs.
Length x Width x Height..... 36 x 25 x 66 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 12A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 8 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Recommended Plug Type..... 15-15
Switch Type..... Magnetic Switch w/Overload Protection
Recommended Phase Converter..... G5841

Motors:

Main

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 12A
Speed..... 1725 / 3450 RPM
Type..... TEFC Induction
Power Transfer Direct Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation

Table Tilt (Left/Right)..... 30 deg.
Table Cross Travel..... 5 in.
Table Longitudinal Travel..... 18 in.
Table Vertical Travel..... 12 in.
Spindle Taper..... JT#6
Number of Spindle Speeds..... 2
Range of Spindle Speeds..... 1725, 3450 RPM

Cutting Capacities

Maximum Stock Width.....	12 in.
Maximum Stock Thickness.....	4 in.
Maximum Mortising Depth.....	4 in.
Maximum Chisel Travel.....	4-13/16 in.
Maximum Distance Column to Chisel.....	7-3/4 in.
Maximum Chisel Size.....	1/4 – 1-1/8 in.

Table Information

Table Size Length.....	16-3/4 in.
Table Size Width.....	21-1/4 in.
Table Size Thickness.....	1-3/4 in.
Floor to Table Height.....	19 – 35-1/2 in.

Chuck Information

Chuck Type.....	Keyed
Chuck Size.....	1/2 in.
Chuck Capacity.....	1/2 in.

Construction

Base.....	Cast Iron
Head.....	Cast Iron
Table.....	Cast Iron
Paint Type/Finish.....	Enamel
Fence.....	Cast Iron

Other

Handle Length.....	27 in.
Clamp Drive.....	Manual
Head Drive.....	Manual

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label on Motor Cover
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- 2HP, 2 Speed Motor
- Includes 5/8" and 3/4" Chisel Sleeves
- Includes Three Mortising Chisels in Sizes 1/4", 3/8", and 1/2"
- Universal Compound Table
- Hand Operated Table Clamp Holds Stock Firmly in Position