



MACHINE DATA SHEET

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

MODEL G4815 20" SPIRAL CUTTERHEAD JOINTER

Product Dimensions:

Weight..... 1610 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 112 x 54-1/2 x 48 in.
Footprint (Length x Width)..... 50 x 20-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 2024 lbs.
Length x Width x Height..... 0 x 0 x 0 in.

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 20A at 220V, 10A at 440V
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 4 ft.
Power Cord Gauge..... 10 AWG
Plug Included..... No
Switch Type..... Magnetic Switch w/Thermal Overload Protection
Voltage Conversion Kit..... P4815042
Recommended Phase Converter..... G7979

Motors:

Main

Horsepower..... 7.5 HP
Phase..... 3-Phase
Amps..... 20A/10A
Speed..... 3450 RPM
Type..... TEFC Induction
Power Transfer Twin V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

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Bevel Jointing..... 0 – 45 deg. L/R
Maximum Width of Cut..... 19-7/8 in.
Maximum Depth of Cut..... 5/16 in.
Minimum Workpiece Length..... 20 in.
Minimum Workpiece Thickness..... 1/2 in.
Number of Cuts Per Minute..... 30,000

Fence Information

Fence Length..... 43-1/4 in.
Fence Width..... 1-1/2 in.
Fence Height..... 6-5/8 in.
Fence Stops..... 45, 90 deg.

Cutterhead Information

Cutterhead Type..... Spiral
Cutterhead Diameter..... 4 in.
Number of Cutter Rows..... 6
Number of Indexable Cutters..... 140
Cutterhead Speed..... 5000 RPM

Cutter Insert Information

Cutter Insert Type..... Indexable Carbide
Cutter Insert Length..... 14 mm
Cutter Insert Width..... 14 mm
Cutter Insert Thickness..... 2 mm

Table Information

Table Length..... 111-3/8 in.
Table Width..... 19-7/8 in.
Floor to Table Height..... 30-1/2 in.
Table Adjustment Type..... Handwheels
Table Movement Type..... Parallelogram

Construction

Body Assembly..... Cast Iron
Cabinet..... Cast Iron
Fence Assembly..... Aluminum and Cast Iron
Guard..... Cast Aluminum
Table..... Precision Ground Cast Iron
Paint Type/Finish..... Epoxy

Other Information

Number of Dust Ports..... 1
Dust Port Size..... 4 in.

Other Specifications:

Country of Origin Taiwan
Warranty 1 Year
Approximate Assembly & Setup Time 30 Minutes
Serial Number Location ID Label on Right Side of Front Cover
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features:

- Free Pair of Safety Push Blocks
- Heat-Treated Infeed and Outfeed Tables
- Independently Adjustable, Handwheel Precision Table Movement
- Noise Dampening System
- Pedestal Mounted ON/OFF Switch
- Rack and Pinion Fence Adjustment