

MACHINE SPECIFICATIONS



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MODEL W1741H 8" JOINTER WITH ADJUSTABLE BEDS AND HELICAL CUTTERHEAD

Product Dimensions

Weight..... 508 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 76-1/2 x 23-1/2 x 33 in.
Footprint (Length x Width)..... 44-1/2 x 16-1/2 in.

Shipping Dimensions

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 388 lbs.
Length x Width x Height..... 81 x 24 x 11 in.

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 157 lbs.
Length x Width x Height..... 38 x 20 x 28 in.

Electrical

Power Requirement..... 240V, Single-Phase, 60 Hz
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... ON/OFF Push Button Switch w/Large Shut-Off Paddle

Motors

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 15A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Poly-V Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

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Bevel Jointing.....	0 - 45 deg. L/R
Maximum Width of Cut.....	8 in.
Maximum Depth of Cut.....	1/8 in.
Minimum Workpiece Length.....	10 in.
Minimum Workpiece Thickness.....	1/2 in.
Number of Cuts Per Minute.....	21,400

Fence Information

Fence Length.....	36 in.
Fence Width.....	1-1/4 in.
Fence Height.....	5 in.
Fence Stops.....	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type.....	Helical
Cutterhead Diameter.....	3-3/8 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	40
Cutterhead Speed.....	4800 RPM

Cutter Insert Information

Cutter Insert Type.....	Indexable Carbide
Cutter Insert Length.....	15 mm
Cutter Insert Width.....	15 mm
Cutter Insert Thickness.....	2.5 mm

Table Information

Table Length.....	76-3/8 in.
Table Width.....	8 in.
Table Thickness.....	1-1/2 in.
Floor to Table Height.....	32-5/8 in.
Table Adjustment Type.....	Lever Action
Table Movement Type.....	Parallelogram

Construction

Body Assembly.....	Cast Iron
Cabinet.....	Pre-formed Steel
Fence Assembly.....	Cast Iron
Guard.....	Die-Cast Metal
Table.....	Precision-Ground Cast Iron
Paint Type/Finish.....	Powder Coated

Other Information

Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	Built-In

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 1 Hours
Serial Number Location ID Label
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

3 HP Motor
Helical Cutterhead with 40 Indexable Carbide Inserts
Built-In Mobile Base
Easy-to-Reach Pedestal-Mounted Control Panel
Parallelogram Table Design Allows for Full Adjustability and Calibration
5" Tall Fence
Sturdy Cabinet Stand
Rabbeting Table