

MACHINE SPECIFICATIONS



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MODEL W1744S 12" HEAVY-DUTY JOINTER WITH ADJUSTABLE BEDS AND SPIRAL CUTTERHEAD

Product Dimensions

Weight..... 884 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 84 x 33 x 43-1/2 in.
Footprint (Length x Width)..... 44-1/4 x 18 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 970 lbs.
Length x Width x Height..... 89 x 29 x 41 in.

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Prewired Voltage..... 230V
Full-Load Current Rating..... 15A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 5 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Magnetic Switch w/Overload Protection

Motors

Main

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

Main Specifications

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Bevel Jointing.....	0 - 45 deg. L/R
Maximum Width of Cut.....	12 in.
Maximum Depth of Cut.....	1/8 in.
Minimum Workpiece Length.....	14 in.
Minimum Workpiece Thickness.....	1/2 in.
Maximum Rabbeting Depth.....	3/4 in.
Number of Cuts Per Minute.....	19,800

Fence Information

Fence Length.....	46-3/4 in.
Fence Width.....	1-1/2 in.
Fence Height.....	5-3/8 in.
Fence Stops.....	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type.....	Spiral
Cutterhead Diameter.....	3-7/8 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	60
Cutterhead Speed.....	4300 RPM

Cutter Insert Information

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

Table Information

Table Length.....	83-1/2 in.
Table Width.....	12-3/4 in.
Table Thickness.....	1-7/8 - 3-1/4 in.
Floor to Table Height.....	31-5/8 in.
Table Adjustment Type.....	Handwheel
Table Movement Type.....	Parallelogram

Construction

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

Other Information

Number of Dust Ports.....	1
Dust Port Size.....	5 in.

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 45 Minutes
Serial Number Location ID Label on Front of Cabinet
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

5-3/8" Tall Fence
Included Push Blocks
Spiral Cutterhead with German-Made Indexable Carbide Inserts
3 HP Motor
Easy-to-Reach Pedestal-Mounted Control Panel
Parallelogram Table Design Allows for Full Adjustability and Calibration
Sturdy Cabinet Stand
Handwheel Controlled Table Movement