



Product Specifications



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Model SB1091 8" Parallelogram Jointer with Helical Cutterhead

Product Dimensions

Weight..... 538 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 83 x 26 x 46 in.
Footprint (Length x Width)..... 46 x 18 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 730 lbs.
Length x Width x Height..... 89 x 28 x 45 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Full-Load Current Rating..... 12A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 12A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

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Jointer Size.....	8 in.
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.
Maximum Rabbeting Depth.....	1/2 in.
Number of Cuts Per Minute.....	28,000

Fence Information

Fence Length.....	38 in.
Fence Width.....	1-1/4 in.
Fence Height.....	4-5/8 in.
Fence Stops.....	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type.....	Helical
Cutterhead Diameter.....	3-1/16 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	36
Cutterhead Speed.....	7000 RPM

Cutter Insert Information

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

Table Information

Table Length.....	83 in.
Table Width.....	8 in.
Table Thickness.....	3-5/16 in.
Floor to Table Height.....	32-1/2 in.
Table Adjustment Type.....	Handwheel
Table Movement Type.....	Parallelogram

Construction

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

Other Information

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

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	Machine ID Label
Sound Rating	85 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

- Parallelogram Table Adjustment
- Handwheel-Adjusted Tables
- Pedestal-Mounted Switch Controls
- Heavy-Duty Center-Mounted Fence w/Rack and Pinion Adjustment
- Fence Stops at 45, 90, and 135 Degrees
- V-Belt Drive
- 4" Dust Port with Built-In Dust Chute
- Helical Cutterhead with 36 Indexable Carbide Inserts
- Precision-Ground Cast-Iron Table
- Two-Tone Powder-Coated Finish
- Sturdy Steel Cabinet Stand
- Rabbeting Table
- Digital Readout for Infeed Table Height
- Magnetic Switch w/Thermal Overload Protection
- Easy-to-Reach Knee Stop for Emergency Hands-Free Shut Off
- Anodized Handwheels and Fence Handle

Included Accessories

- Two Safety Push Blocks w/Rubber Bottoms
- Two Torx T-25 T-Handle Drivers
- Ten Replacement T-25 #10-32 X 1/2 Torx Screws
- Five Replacement Cutterhead Inserts
- Combo Screwdriver #2
- Hex Wrenches 3, 4, 5, 6, 8mm
- Open-End Wrenches 12/14, 14/17mm