



Model SB1113

12" x 87" Jointer with Helical Cutterhead

Product Dimensions

Weight..... 827 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 87-1/2 x 39 x 46 in.
 Footprint (Length x Width)..... 49-1/2 x 23 in.

Shipping Dimensions

Type..... Wood Crate
 Content..... Machine
 Weight..... 992 lbs.
 Length x Width x Height..... 91 x 32 x 51 in.
 Must Ship Upright..... Yes

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
 Full-Load Current Rating..... 23A
 Minimum Circuit Size..... 30A
 Connection Type..... Cord & Plug
 Power Cord Included..... Yes
 Power Cord Length..... 72 in.
 Power Cord Gauge..... 12 AWG
 Plug Included..... No
 Recommended Plug Type..... L6-30
 Switch Type..... Control Panel w/Magnetic Switch Protection

Motors

Main

Horsepower..... 5 HP
 Phase..... Single-Phase
 Amps..... 23A
 Speed..... 3450 RPM
 Type..... TEFC Capacitor-Start Induction
 Power Transfer Belt
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... Internal

Main Specifications

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Jointer Size.....	12 in.
Bevel Jointing.....	0 - 45 deg.
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.....	22,000

Fence Information

Fence Length.....	47-1/2 in.
Fence Width.....	1-1/2 in.
Fence Height.....	6 in.
Fence Stops.....	90, 135 deg.

Cutterhead Information

Cutterhead Type.....	Helical
Cutterhead Diameter.....	4 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	56
Cutterhead Speed.....	5500 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.....	87-1/2 in.
Table Width.....	12 in.
Table Thickness.....	3-1/2 in.
Floor to Table Height.....	34-5/16 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.....	6 in.

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	Machine ID Label
Sound Rating	82 - 84 dB
ISO 9001 Factory	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 90 and 135 Degrees
- V-Belt Drive
- 6" Dust Port with Built-In Dust Chute
- Helical Cutterhead with 56 Indexable Carbide Inserts
- Precision-Ground Cast-Iron Table
- Two-Tone Powder-Coated Finish
- Sturdy Steel Cabinet Stand
- Rabbeting Table
- Accessory Column for Mounted Power Feeder
- Digital Readout for Infeed Table Height
- Magnetic Switch w/Thermal Overload Protection
- Easy-to-Reach Knee Stop for Hands-Free Emergency 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
- Ten Replacement Cutterhead Inserts
- Hex Wrenches 5, 6, 8mm
- Open-End Wrench 17/19mm