Product Specifications

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Model SB1131
16" Parallelogram Jointer with Helical Cutterhead & DRO

Product Dimensions

Weight..... 1081 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 100 x 46-1/2 x 50 in.
Footprint (Length x Width)..... 55 x 27 in.

Shipping Dimensions

Type..... Wooden Crate
Content..... Machine
Weight..... 1451 lbs.
Length x Width x Height..... 105 x 43 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..... Permanent (Hardwire to Shutoff)
Power Cord Included..... Yes
Power Cord Length..... 120 in.
Power Cord Gauge..... 12 AWG
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	16 in.
Bevel Jointing	0 - 45 deg. L/R
Maximum Width of Cut	16 in.
Maximum Depth of Cut	1/8 in.
Minimum Workpiece Length	18 in.
Minimum Workpiece Thickness	1/2 in.
Maximum Rabbeting Depth	3/4 in.
Number of Cuts Per Minute	22,000

Fence Information

Fence Length	47-1/4 in.
Fence Width	1-1/2 in.
Fence Height	6 in.
Fence Stops	45, 90, 135 deg.

Cutterhead Information

Cutterhead Type	Helical
Cutterhead Diameter	4 in.
Number of Cutter Rows	4
Number of Indexable Cutters	76
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
Cutter Insert Curve	R98.5

Table Information

Table Length	100 in.
Table Width	16 in.
Table Thickness	2-3/4 in.
Floor to Table Height	34-3/8 in.
Table Adjustment Type	Handwheel/Lever
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 Year
Approximate Assembly & Setup Time	45 Minutes
Serial Number Location	Machine ID Label
ISO 9001 Factory	Yes

Features

Parallelogram Table Adjustment
Handwheel & Lever-Adjusted Tables
Heavy-Duty Center-Mounted Fence w/Rack and Pinion Adjustment
Fence Stops at 45, 90 and 135 Degrees
Helical Cutterhead with 76 Indexable Carbide Inserts
Rabbeting Table
Accessory Column for Mounted Power Feeder
Digital Readout for Infeed Table Height
Magnetic Switch w/Thermal Overload Protection
Knee Stop for Hands-Free Emergency Shut Off