



Model SB1109 20" Planer with Helical Cutterhead

Product Dimensions

Weight..... 719 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 46-1/2 x 56 x 46 in.
 Footprint (Length x Width)..... 23-1/2 x 29-1/2 in.

Shipping Dimensions

Type..... Wood Crate
 Content..... Machine
 Weight..... 820 lbs.
 Length x Width x Height..... 42 x 30 x 52 in.
 Must Ship Upright..... Yes

Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz
 Full-Load Current Rating..... 27A
 Minimum Circuit Size..... 30A
 Connection Type..... Cord & Plug
 Power Cord Included..... Yes
 Power Cord Length..... 120 in.
 Power Cord Gauge..... 12 AWG
 Plug Included..... Yes
 Included Plug Type..... L6-30
 Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors

Main

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

Feed

Horsepower..... 3/4 HP
 Amps..... 8A
 Speed..... 2500 RPM
 Type..... DC Motor
 Power Transfer Belt & Chain
 Bearings..... Sealed & Permanently Lubricated

Main Specifications

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Planer Size.....	20 in.
Max. Cut Width.....	20 in.
Max. Cut Height.....	8 in.
Min. Stock Length.....	7 in.
Min. Stock Thickness.....	1/4 in.
Number of Cuts Per Inch.....	167 - 60
Number of Cuts Per Minute.....	20,000
Cutterhead Speed.....	5000 RPM
Planing Feed Rate.....	10 - 28 FPM
Max. Cut Depth Planing Full Width.....	5/64 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter	3-1/4 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	92
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length.....	15mm
Cutter Insert Size Width.....	15mm
Cutter Insert Size Thickness.....	2.5mm

Table Info

Table/Headstock Movement.....	8 in.
Table Bed Size Length.....	56 in.
Table Bed Size Width.....	20 in.
Table Bed Size Thickness.....	2-1/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	28 - 36 in.
Table Wings Size Length.....	15 in.
Table Wings Size Width.....	21-1/4 in.

Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Serrated Steel
Outfeed Roller.....	Smooth Steel
Paint Type/Finish.....	Powder Coated

Other

Table/Headstock Locks.....	Yes
Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	5 in.
Mobile Base.....	T28000

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

- Helical Cutterhead with Indexable Carbide Inserts
- Variable Feed Speed Dial on Control Pedestal
- Digital Table Height Indicator
- Extra-Large Ball Bearing Return Rollers
- Cabinet-Style Stand
- Internally Mounted 5 HP Motor
- Pedestal-Mounted Control Panel with Magnetic Switch and Overload Protection
- Four Heavy-Duty Support Columns
- Anti-Kickback Fingers
- Drive Gears Run in Oil Bath
- Triple Belt Drive Inside Housing
- Heavy-Duty Cast-Iron Extension Wings