



## Model SB1108 15" Planer with Helical Cutterhead

### Product Dimensions

Weight..... 509 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 39 x 48 x 44-1/2 in.  
 Footprint (Length x Width)..... 23 x 22-1/2 in.

### Shipping Dimensions

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 595 lbs.  
 Length x Width x Height..... 27 x 37 x 52 in.  
 Must Ship Upright..... Yes

### Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz  
 Full-Load Current Rating..... 18A  
 Minimum Circuit Size..... 20A  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 120 in.  
 Power Cord Gauge..... 12 AWG  
 Plug Included..... Yes  
 Included Plug Type..... 6-20  
 Switch Type..... Magnetic Switch w/Thermal Overload Protection

### Motors

#### Main

Horsepower..... 3 HP  
 Phase..... Single-Phase  
 Amps..... 12A  
 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.....	15 in.
Max. Cut Width.....	15 in.
Max. Cut Height.....	6 in.
Min. Stock Length.....	6 in.
Min. Stock Thickness.....	3/16 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.....	3/32 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

### Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter .....	3 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	52
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.....	6 in.
Table Bed Size Length.....	48 in.
Table Bed Size Width.....	15 in.
Table Bed Size Thickness.....	2 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	30 - 36 in.
Table Wings Size Length.....	14 in.
Table Wings Size Width.....	15-1/16 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.....	4 in.
Mobile Base.....	T28000

**Other**

Country of Origin ..... Taiwan  
Warranty ..... 2 Years  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label  
ISO 9001 Factory ..... Yes  
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 3 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