



Model SB1096 37" 15 HP 3-Phase Wide-Belt Sander

Product Dimensions

Weight..... 1715 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 81 x 50 x 66-1/2 in.
 Footprint (Length x Width)..... 21-1/2 x 51-1/2 in.

Shipping Dimensions

Type..... Wood Slat Crate
 Content..... Machine
 Weight..... 1826 lbs.
 Length x Width x Height..... 53 x 58 x 77 in.

Electrical

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
 Prewired Voltage..... 220V
 Full-Load Current Rating..... 40.1A at 220V, 20.1A at 440V
 Minimum Circuit Size..... 50A at 220V, 30A at 440V
 Connection Type..... Permanent (Hardwire to Shutoff Switch)
 Switch Type..... Control Panel w/Magnetic Switch Protection

Motors

Main

Horsepower..... 15 HP
 Phase..... 3-Phase
 Amps..... 36.7A/18.4A
 Speed..... 1760 RPM
 Type..... TEFC Induction
 Power Transfer Belt
 Bearings..... Sealed & Permanently Lubricated

Table Elevation

Horsepower..... 1/4 HP
 Phase..... 3-Phase
 Amps..... 1.2A/0.6A
 Speed..... 1650 RPM
 Type..... TEFC Induction
 Power Transfer Belt
 Bearings..... Sealed & Permanently Lubricated

Feed

Horsepower.....	1 HP
Phase.....	3-Phase
Amps.....	3.4A/1.7A
Speed.....	1700 RPM
Type.....	TEFC Induction
Power Transfer	Belt
Bearings.....	Sealed & Permanently Lubricated

Main Specifications

Operation Information

Number of Sanding Heads.....	1
Maximum Board Width.....	36 in.
Minimum Board Width.....	2 in.
Maximum Board Thickness.....	5-3/4 in.
Minimum Board Thickness.....	1/8 in.
Minimum Board Length.....	14 in.
Sandpaper Speed.....	2600 FPM
Sanding Belt Oscillations.....	5/16 - 5/8 in.
Conveyor Feed Rate.....	15 - 49 FPM
Sandpaper Length.....	60 in.
Sandpaper Width.....	37 in.

Drum Information

Infeed Sanding Drum Type.....	Spiral Grooved Rubber
Infeed Sanding Drum Size.....	4 in.
Shore Hardness (Durometer).....	65 Shore

Platen Information

Platen Type.....	Adjustable
Platen Length.....	37-3/4 in.
Platen Width.....	3-1/2 in.
Platen Travel.....	0 - 2mm

Construction

Conveyor Belt.....	Rubber
Body.....	Steel
Paint Type/Finish.....	Powder Coated

Other Related Information

Floor To Table Height.....	32 - 36 in.
Belt Tracking.....	Pneumatic
Sanding Belt Tension.....	Pneumatic
Number of Pressure Rollers.....	2
Pressure Roller Type.....	Rubber
Pressure Roller Size.....	2 in.
Conveyor Belt Length.....	83 in.
Conveyor Belt Width.....	36-1/2 in.
Belt Roller Size.....	4 in.
Number of Dust Ports.....	3
Dust Port Size.....	5 in.
Air Requirement.....	75 PSI

Other

Country of Origin Taiwan
Warranty 2 Years
Approximate Assembly & Setup Time 1 Hour
Serial Number Location ID Label

Features

Pneumatic Belt Tensioning
Industrial-Duty Rubber Conveyor Belt
Three 5" Dust Ports
Variable-Speed Feed Conveyor
Amp/Load Meter
Built-In Air Regulator/Water Separator
Independent Motor Controls for Sanding Drum, Table Elevation, and Conveyor
Disc Brake
Emergency Stop Panel
Adjustable Sanding Belt Oscillation Speed
Micro-Adjustable Graphite/Felt Platen
Dual Rubber Infeed and Outfeed Pressure Rollers
Sturdy 4-Column Table Lifting and Lowering System
Powered Table Elevation with Keypad for Typing/Storing Exact Measurements
Digital Readout Displays Table Height in Increments of 0.005" for Super-Accurate Results