



Product Specifications

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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