



Model SB1020

9" x 12" Horizontal, Variable-Speed Metal-cutting Bandsaw with Sliding Vise!

Product Dimensions

Weight..... 718 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 55-1/8 x 27-1/2 x 60-5/8 in.
 Footprint (Length x Width)..... 27-1/2 x 60-5/8 in.
 Space Required for Full Range of Movement (Width x Depth)..... 65 x 47 in.

Shipping Dimensions

Type..... Wood Slat Crate
 Content..... Machine
 Weight..... 846 lbs.
 Length x Width x Height..... 32 x 56 x 68 in.

Electrical

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz
 Prewired Voltage..... 110V
 Full-Load Current Rating..... 6A at 110V, 3A at 220V
 Minimum Circuit Size..... 20A at 110V, 15A at 220V
 Connection Type..... Cord & Plug
 Power Cord Included..... Yes
 Power Cord Length..... 11-1/2 ft.
 Power Cord Gauge..... 14 AWG
 Plug Included..... Yes
 Included Plug Type..... 5-15 for 110V
 Recommended Plug Type..... 6-15 for 220V
 Switch Type..... Control Panel w/Magnetic Switch Protection
 Voltage Conversion Kit..... PSB1020511 for 220V

Motors

Coolant Pump

Horsepower..... 1/8 HP
 Phase..... Single-Phase
 Amps..... 0.9A/0.45A
 Speed..... 3450 RPM
 Type..... TEFC Capacitor-Start Induction
 Bearings..... Sealed & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... N/A

Main

Horsepower.....	1.5 HP
Phase.....	3-Phase
Amps.....	5.1A
Speed.....	1725 RPM
Type.....	TEFC Induction
Power Transfer	Worm Gear Drive
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	N/A

Main Specifications

Operation Info

Blade Speeds.....	92–360 FPM
Std. Blade Length.....	108-1/4 in.
Blade Length Range.....	1 - 1-1/16 in.
Head Swivel.....	-45 deg to 60 deg.

Cutting Capacities

Angle Cuts.....	-45 to 60 deg.
Vise Jaw Depth.....	12-5/8 in.
Vise Jaw Height.....	5-1/2 in.
Max. Capacity Rectangular Height at 90 Deg.....	9 in.
Max. Capacity Rectangular Width at 90 Deg.....	12 in.
Max. Capacity Round at 90 Deg.....	10 in.
Max. Capacity Rectangular Height at 45 Deg.....	4-3/4 in.
Max. Capacity Rectangular Width at 45 Deg.....	7 in.
Max. Capacity Round at 45 Deg.....	7-7/8 in.
Max. Capacity Rectangular Height at 60 Deg.....	4-1/2 in.
Max. Capacity Rectangular Width at 60 Deg.....	6-1/8 in.
Max. Capacity Round at 60 Deg.....	4-1/2 in.
Max. Capacity Rectangular Height at -45 Deg.....	4-3/4 in.
Max. Capacity Rectangular Width at -45 Deg.....	7 in.
Max. Capacity Round at -45 Deg.....	6-3/4 in.

Construction

Upper Wheel.....	Cast Iron
Lower Wheel.....	Cast Iron
Body.....	Cast Iron
Base.....	Cast Iron
Stand.....	Steel

Other

Wheel Size.....	12-5/8 in.
Blade Guides Upper.....	Yes
Blade Guides Lower.....	Yes
Coolant Capacity.....	2-1/2 Gal.

Table Info

Floor To Cutting Area Height.....	35-5/8 in.
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Other

Country of Origin Taiwan
Warranty 2 Years
Approximate Assembly & Setup Time 1 Hour
Serial Number Location ID Label on Body Frame
Sound Rating 80 dB
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features

Heavy-Duty One-Piece Steel Stand
Adjustable hydraulic down feed
Swivel mast with angle stops
Built-in coolant system
Storage cabinet
Dual position quick release vise with work sto
Double ball bearings on each side of blade
Quick change variable speed blade control