

MACHINE SPECIFICATIONS



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MODEL W1709 7-1/2 HP 20" WIDE BELT SANDER

Product Dimensions

Weight..... 961 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 37 x 30 x 57 in.
Footprint (Length x Width)..... 29 x 16-3/4 in.

Shipping Dimensions

Type..... Wood Slat Crate
Content..... Machine
Weight..... 1025 lbs.
Length x Width x Height..... 34 x 40 x 65 in.

Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 43.8A
Minimum Circuit Size..... 60A
Connection Type..... Permanent (Hardwire to Shutoff Switch)
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors

Main

Horsepower..... 7.5 HP
Phase..... Single-Phase
Amps..... 40A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Table Elevation

Horsepower..... 1/3 HP
Phase..... Single-Phase
Amps..... 3A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Feed

Horsepower.....	1/2 HP
Phase.....	Single-Phase
Amps.....	3.8A
Speed.....	1725 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer	Chain Drive
Bearings.....	Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	N/A

Main Specifications

Operation Information

Number of Sanding Heads.....	1
Maximum Board Width.....	20 in.
Minimum Board Width.....	2 in.
Maximum Board Thickness.....	6 in.
Minimum Board Thickness.....	1/8 in.
Minimum Board Length.....	9 in.
Sandpaper Speed.....	3500 FPM
Sanding Belt Oscillations.....	1/2 - 5/8 in.
Conveyor Feed Rate.....	16, 23, 33 FPM
Sandpaper Length.....	48 in.
Sandpaper Width.....	20-1/2 in.

Drum Information

Infeed Sanding Drum Type.....	Spiral Grooved Rubber
Infeed Sanding Drum Size.....	8 in.

Construction

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

Other Related Information

Floor To Table Height.....	26-3/4 - 32-3/4 in.
Belt Tracking.....	Pneumatic
Sanding Belt Tension.....	Pneumatic
Number of Pressure Rollers.....	4
Pressure Roller Type.....	Rubber
Pressure Roller Size.....	2 in.
Conveyor Belt Length.....	73 in.
Conveyor Belt Width.....	18 in.
Belt Roller Size.....	3-1/2 in.
Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Air Requirement.....	75 PSI

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	ID Label on Front Top
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features

- Disc Brake Emergency Stop
- Independent Motor Control
- Pneumatic Belt Tracking
- Pneumatic Belt Tensioning
- Safety Shut-Off Bar
- Digital Readout
- Digital Keypad Controlled Table Elevation
- Dual Rubber Infeed and Outfeed Pressure Rollers
- Variable Speed Conveyor
- Four Leadscrew Table Lifting and Lowering System
- Digital Amp/Load Meter
- Built-In Regulator/Water Separator