

# 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