



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G9980 51" 30 HP 3-PHASE WIDE-BELT SANDER

### Product Dimensions:

Weight..... 2866 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 69 x 50-1/2 x 65 in.  
 Footprint (Length x Width)..... 68 x 20-1/2 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
 Content..... Machine  
 Weight..... 2731 lbs.  
 Length x Width x Height..... 52 x 73 x 77 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
 Prewired Voltage..... 220V  
 Full-Load Current Rating..... 79.2A at 220V, 39.6A at 440V  
 Minimum Circuit Size..... 100A at 220V, 50A at 440V  
 Connection Type..... Permanent (Hardwire to Shutoff Switch)  
 Switch Type..... Control Panel w/Magnetic Switch Protection  
 Voltage Conversion Kit..... P99809139 for 440V  
 Recommended Phase Converter..... H3742

### Motors:

#### Main

Horsepower..... 30 HP  
 Phase..... 3-Phase  
 Amps..... 72A/36A  
 Speed..... 1765 RPM  
 Type..... TEFC Induction  
 Power Transfer ..... Triple V-Belt Drive  
 Bearings..... Sealed & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

#### Feed

Horsepower..... 2 HP  
 Phase..... 3-Phase  
 Amps..... 6A/3A  
 Speed..... 1710 RPM  
 Type..... TEFC Induction  
 Power Transfer ..... V-Belt Drive  
 Bearings..... Sealed & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

**Table Elevation**

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

**Main Specifications:**

**Operation Information**

Number of Sanding Heads.....	1
Maximum Board Width.....	51 in.
Minimum Board Width.....	2 in.
Maximum Board Thickness.....	6 in.
Minimum Board Thickness.....	3/16 in.
Minimum Board Length.....	14 in.
Sandpaper Speed.....	2200 FPM
Sanding Belt Oscillations per Minute.....	5/8 – 3/4 in.
Conveyor Feed Rate.....	15 – 60 FPM
Sandpaper Length.....	60 in.
Sandpaper Width.....	51 in.

**Drum Information**

Infeed Sanding Drum Type.....	Spiral Grooved Rubber
Infeed Sanding Drum Size.....	4 in.
Outfeed Sanding Drum Type.....	Steel
Outfeed Sanding Drum Size.....	3-1/2 in.
Shore Hardness (Durometer).....	65 Shore

**Platen Information**

Platen Type.....	Adjustable
Platen Length.....	53-1/2 in.
Platen Width.....	3-1/2 in.
Platen Travel.....	0 – 2 mm

**Construction**

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

**Other Related Information**

Floor To Table Height.....	34 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.....	78-3/4 in.
Conveyor Belt Width.....	51 in.
Belt Roller Size.....	4 in.
Number of Dust Ports.....	4
Dust Port Size.....	5 in.
Air Requirement.....	75 PSI

**Other Specifications:**

Country of Origin ..... Taiwan  
Warranty ..... 1 Year  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label Below Grizzly Nameplate  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... Yes

**Features:**

Pneumatic Belt Tensioning  
Industrial-Duty Rubber Conveyor Belt  
Four 5" Dust Ports  
Variable-Speed Feed Conveyor  
Amp/Load Meter  
Built-In Air Regulator/Water Separator  
Independent Motor Controls for Sanding Drums, Table Elevation and Conveyor  
Disc Brake  
Emergency Stop Bar  
Adjustable Sanding Belt Oscillation Speed  
Micro-Adjustable Graphite/Felt Platen  
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