



# MACHINE DATA SHEET

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

## MODEL G9980 51" WIDE-BELT SANDER, 3-PHASE

### Product Dimensions:

Weight..... 2866 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 69 x 50-1/2 x 70 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 74 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..... | 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.....       | 5          |
| Dust Port Size.....             | 4 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  
Five 4" 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