



# MACHINE DATA SHEET

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

## MODEL H2933 24" 15 HP 3-PHASE DOUBLE HEAD WIDE-BELT SANDER

### Product Dimensions:

Weight..... 2086 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 59-1/2 x 42 x 71-1/2 in.  
Footprint (Length x Width)..... 40 x 31 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 2227 lbs.  
Length x Width x Height..... 63 x 45 x 76 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 40.6A at 220V, 20.3A at 440V  
Minimum Circuit Size..... 50A at 220V, 30A at 440V  
Connection Type..... Permanent (Hardwire to Shutoff Switch)  
Switch Type..... Control Panel w/Magnetic Switch Protection  
Voltage Conversion Kit..... G440VH2933 for 440V  
Recommended Phase Converter..... H3741

### Motors:

#### Main

Horsepower..... 15 HP  
Phase..... 3-Phase  
Amps..... 36A/18A  
Speed..... 1760 RPM  
Type..... TEFC Induction  
Power Transfer ..... 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 ..... Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

**Feed**

Horsepower..... 1 HP  
Phase..... 3-Phase  
Amps..... 3.4A/1.7A  
Speed..... 1700 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

**Main Specifications:**

**Operation Information**

Number of Sanding Heads..... 2  
Maximum Board Width..... 24 in.  
Minimum Board Width..... 2 in.  
Maximum Board Thickness..... 6 in.  
Minimum Board Thickness..... 3/16 in.  
Minimum Board Length..... 14 in.  
Sandpaper Speed..... Front 3500, Rear 2600 FPM  
Sanding Belt Oscillations per Minute..... 5/8 – 3/4 in.  
Conveyor Feed Rate..... 14 – 60 FPM  
Sandpaper Length..... 60 in.  
Sandpaper Width..... 25 in.

**Drum Information**

Infeed Sanding Drum Type..... Spiral Grooved Rubber  
Infeed Sanding Drum Size..... 8 in.  
Outfeed Sanding Drum Type..... Rubber  
Outfeed Sanding Drum Size..... 4 in.  
Shore Hardness (Durometer)..... 65 Shore

**Platen Information**

Platen Type..... Adjustable  
Platen Length..... 27 in.  
Platen Width..... 2-1/4 in.  
Platen Travel..... 0 – 2 mm

**Construction**

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

**Other Related Information**

Floor To Table Height..... 32 in.  
Belt Tracking..... Pneumatic  
Sanding Belt Tension..... Pneumatic  
Number of Pressure Rollers..... 3  
Pressure Roller Type..... Rubber  
Pressure Roller Size..... 2 in.  
Conveyor Belt Length..... 102-3/8 in.  
Conveyor Belt Width..... 24-1/2 in.  
Belt Roller Size..... Front 4, Rear 5 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 on Upper Front Panel  
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 (Rear Head)  
Dual 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  
Hard Rubber Infeed Drum