



MACHINE DATA SHEET

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

MODEL H2934 37" 20 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 54 x 68 in.
Footprint (Length x Width)..... 52 x 31 in.

Shipping Dimensions:

Type..... Wood Slat Crate
Content..... Machine
Weight..... 2641 lbs.
Length x Width x Height..... 63 x 57 x 78 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 54.9A at 220V, 27.4A at 440V
Minimum Circuit Size..... 70A at 220V, 40A at 440V
Connection Type..... Permanent (Hardwire to Shutoff Switch)
Switch Type..... Control Panel w/Magnetic Switch Protection
Voltage Conversion Kit..... G440VH2934 for 440V
Recommended Phase Converter..... H3742

Motors:

Main

Horsepower..... 20 HP
Phase..... 3-Phase
Amps..... 50.3A/25.1A
Speed..... 1760 RPM
Type..... TEFC Induction
Power Transfer Front: Twin V-Belt, Rear: Triple V-Belt
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..... 36-1/2 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..... 37 in.

Drum Information

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

Platen Information

Platen Type..... Adjustable
Platen Length..... 38-1/2 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..... 36-1/2 in.
Belt Roller Size..... Front 4, Rear 5 in.
Number of Dust Ports..... 6
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 on Front Top
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features:

Pneumatic Belt Tensioning
Industrial-Duty Rubber Conveyor Belt
Six 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
Dual Rubber Infeed and Outfeed Pressure Rollers (Rear Head)
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