



MACHINE DATA SHEET

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

MODEL G0446 37" 15 HP 3-PHASE PLATEN-TYPE WIDE-BELT SANDER

Product Dimensions:

Weight..... 1705 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 56-1/2 x 52 x 74 in.
Footprint (Length x Width)..... 51-1/2 x 19 in.

Shipping Dimensions:

Type..... Wood Slat Crate
Content..... Machine
Weight..... 1887 lbs.
Length x Width x Height..... 52 x 57 x 87 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..... P0539012-1, P0539014-1 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 Triple 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

Feed

Horsepower..... 1 HP
Phase..... 3-Phase
Amps..... 3.4A/1.7A
Speed..... 1700 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..... 36-1/2 in.
Minimum Board Width..... 2 in.
Maximum Board Thickness..... 6 in.
Minimum Board Thickness..... 1/8 in.
Minimum Board Length..... 9 in.
Sandpaper Speed..... 2600 FPM
Sanding Belt Oscillations per Minute..... 5/8 – 3/4 in.
Conveyor Feed Rate..... 15 – 49 FPM
Sandpaper Length..... 75 in.
Sandpaper Width..... 37 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 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..... 2
Pressure Roller Type..... Rubber
Pressure Roller Size..... 1.57 in.
Conveyor Belt Length..... 83 in.
Conveyor Belt Width..... 37 in.
Belt Roller Size..... 4 in.
Number of Dust Ports..... 3
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
Three 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
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