



# MACHINE DATA SHEET

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

## MODEL G0581 43" 25 HP 3-PHASE DOUBLE DRUM WIDE-BELT SANDER

### Product Dimensions:

Weight..... 3086 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 63 x 60-1/2 x 68 in.  
Footprint (Length x Width)..... 61 x 31-1/2 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 3384 lbs.  
Length x Width x Height..... 63 x 66 x 79 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 72.1A at 220V, 36.1A at 440V  
Minimum Circuit Size..... 90A at 220V, 50A at 440V  
Connection Type..... Permanent (Hardwire to Shutoff Switch)  
Switch Type..... Control Panel w/Magnetic Switch Protection  
Voltage Conversion Kit..... G440VG0581 for 440V  
Recommended Phase Converter..... H3742

### Motors:

#### Main

Horsepower..... 25 HP  
Phase..... 3-Phase  
Amps..... 64.9A/32.5A  
Speed..... 1765 RPM  
Type..... TEFC Induction  
Power Transfer ..... Front: Twin V-Belt, Rear: Triple V-Belt  
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.....	2
Maximum Board Width.....	43 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.....	43 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.....	3 in.
Shore Hardness (Durometer).....	65 Shore

**Platen Information**

Platen Type.....	Adjustable
Platen Length.....	44-1/4 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.....	43-1/4 in.
Belt Roller Size.....	Front 4, Rear 5 in.
Number of Dust Ports.....	8
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  
Eight 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 (Rear Drum)  
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