



# MACHINE DATA SHEET

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

## MODEL G0527 18" 5 HP WIDE-BELT SANDER

### Product Dimensions:

Weight..... 890 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 37 x 30 x 57 in.  
Footprint (Length x Width)..... 29 x 16-3/4 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 1008 lbs.  
Length x Width x Height..... 33 x 40 x 67 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 37A  
Minimum Circuit Size..... 40A  
Connection Type..... Permanent (Hardwire to Shutoff Switch)  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors:

#### Main

Horsepower..... 5 HP  
Phase..... Single-Phase  
Amps..... 30A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

#### Table Elevation

Horsepower..... 1/3 HP  
Phase..... Single-Phase  
Amps..... 3A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

#### Feed

Horsepower..... 1/2 HP  
Phase..... Single-Phase  
Amps..... 7A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Chain Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

**Main Specifications:**

**Operation Information**

Number of Sanding Heads..... 1  
Maximum Board Width..... 17-1/2 in.  
Minimum Board Width..... 2 in.  
Maximum Board Thickness..... 6 in.  
Minimum Board Thickness..... 1/8 in.  
Minimum Board Length..... 9 in.  
Sandpaper Speed..... 3500 FPM  
Sanding Belt Oscillations..... 1/2 – 5/8 in.  
Conveyor Feed Rate..... 16, 23, 33 FPM  
Sandpaper Length..... 48 in.  
Sandpaper Width..... 18-1/2 in.

**Drum Information**

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

**Construction**

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

**Other Related Information**

Floor To Table Height..... 26-3/4 - 32-3/4 in.  
Belt Tracking..... Optical/Pneumatic  
Sanding Belt Tension..... Pneumatic  
Number of Pressure Rollers..... 4  
Pressure Roller Type..... Rubber  
Pressure Roller Size..... 2 in.  
Conveyor Belt Length..... 73 in.  
Conveyor Belt Width..... 18 in.  
Belt Roller Size..... 3-1/2 in.  
Number of Dust Ports..... 1  
Dust Port Size..... 5 in.  
Air Requirement..... 2 CFM, 57 – 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

**Features:**

- Pneumatic Belt Tensioning
- Industrial-Duty Rubber Conveyor Belt
- 5" Dust Port
- Three-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
- 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