

# MACHINE SPECIFICATIONS



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## MODEL W1854 18" 1-1/2 HP OPEN-END DRUM SANDER W/ VS FEED

### Product Dimensions

Weight..... 198 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 35-1/2 x 22-1/2 x 50 in.  
Footprint (Length x Width)..... 41-1/2 x 22-1/2 in.

### Shipping Dimensions

Type..... Cardboard Box w/Wood Skids  
Content..... Machine  
Weight..... 235 lbs.  
Length x Width x Height..... 25 x 33 x 33 in.  
Must Ship Upright..... Yes

### Electrical

Power Requirement..... 120V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 13.92A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... Paddle Safety Switch w/Removable Key

### Motors

#### Conveyor Belt

Horsepower..... 1/8 HP  
Amps..... 0.92A  
Speed..... 1800 RPM  
Type..... Universal DC  
Power Transfer ..... Direct Drive

#### Main

Horsepower..... 1.5 HP  
Phase..... Single-Phase  
Amps..... 13A  
Speed..... 3450 RPM  
Type..... ODP Capacitor-Start Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated

## Main Specifications

### Operation Information

|                              |                |
|------------------------------|----------------|
| Number of Sanding Heads..... | 1              |
| Maximum Board Width.....     | 36 in.         |
| Minimum Board Width.....     | 1 in.          |
| Maximum Board Thickness..... | 4-1/2 in.      |
| Minimum Board Thickness..... | 1/8 in.        |
| Minimum Board Length.....    | 6 in.          |
| Sandpaper Speed.....         | 2600, 3400 FPM |
| Conveyor Feed Rate.....      | 0 - 12 FPM     |
| Sandpaper Length.....        | 89 in.         |
| Sandpaper Width.....         | 3 in.          |

### Drum Information

|                               |          |
|-------------------------------|----------|
| Infeed Sanding Drum Type..... | Aluminum |
| Infeed Sanding Drum Size..... | 4 in.    |

### Construction

|                        |               |
|------------------------|---------------|
| Conveyor Belt.....     | Sandpaper     |
| Body.....              | Steel         |
| Base.....              | Steel         |
| Paint Type/Finish..... | Powder Coated |

### Other Related Information

|                            |               |
|----------------------------|---------------|
| Floor To Table Height..... | 35 - 40 in.   |
| Sanding Belt Tension.....  | Spring-Loaded |
| Conveyor Belt Length.....  | 45 in.        |
| Conveyor Belt Width.....   | 18 in.        |
| Belt Roller Size.....      | 1-3/8 in.     |
| Number of Dust Ports.....  | 1             |
| Dust Port Size.....        | 4 in.         |

### Other

|                                                                      |             |
|----------------------------------------------------------------------|-------------|
| Country of Origin .....                                              | Taiwan      |
| Warranty .....                                                       | 2 Years     |
| Approximate Assembly & Setup Time .....                              | 1-1/2 Hours |
| Serial Number Location .....                                         | ID Label    |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... | Yes         |

### Features

Open-Ended Design Accommodates Workpieces up to 36" Wide  
Spring-Loaded Sanding Belt Tension  
Sandpaper Conveyor Belt  
4" Dust Port  
Electronic Variable-Speed Conveyor Motor  
4" Aluminum Sanding Drum  
Durable Powder-Coated Finish  
Stationary Drum Headstock  
Paddle Switch with Removable Key  
Easy Access for Sandpaper Changes