

MACHINE SPECIFICATIONS



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MODEL W1843 KNIFE BELT SANDER/BUFFER

Product Dimensions

Weight 105 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 39 x 29-1/2 x 37 in.
Footprint (Length x Width)..... 10 x 16-1/2 in.

Shipping Dimensions

Carton #1

Type Cardboard
Content Machine
Length x Width x Height 31 x 17 x 15 in.
Weight..... 58 lbs.

Carton #2

Type Cardboard
Content Sanding Arm
Length x Width x Height 27 x 11 x 9 in.
Weight..... 54 lbs.

Electrical

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating 14A
Minimum Circuit Size..... 20A
Connection Type Cord & Plug
Power Cord Included Yes
Power Cord Length 5 ft.
Power Cord Gauge 16 AWG
Plug Included Yes
Included Plug Type NEMA 5-15
Switch Type Push/Pull

Motor

Main

Type TEFC Capacitor-Start Induction
Horsepower 1 HP
Phase Single-Phase
Amps 14A
Speed..... 1725 RPM
Power Transfer..... Direct Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

Belt Info

Sanding Belt Width.....	2 in.
Sanding Belt Length.....	72 - 76 in.
Sanding Belt Speed.....	4500 FPM
Belt Arm Tilt	0 - 90 deg.
Height Belt Arm Horizontal.....	11-1/2 in.
Height Belt Arm Vertical	39 in.
Belt Release Type	Quick Release
Drive Roller Type	Cast Aluminum with Rubber
Drive Roller Length	7 in.
Drive Wheel Diameter	10 in.
Idler Roller Type.....	Aluminum
Idler Roller Length	2 in.
Idler Roller Diameter	4 in.

Spindle Info

Spindle Speed.....	1725 RPM
Total Arbor Length	1 in. x 8 in.
Shaft Height.....	7-1/2 in.

Wheel Info

Max Buffing Wheel Diameter	10 in.
Max Buffing Wheel Width	3/4 in.
Buffing Wheel Bore Size.....	5/8 in.

Platen Info

Platen Type.....	Graphite Coated
Platen Length	9-1/4 in.
Platen Width	1-7/8 in.

Construction

Base	Cast Iron
Frame	Cast Iron
Paint Type/Finish.....	Epoxy

Other Specifications

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
ISO 9001 Factory	Yes

Features

Left Arbor Accepts Buffing Wheels, Sanding Drums, or Flap Wheels
Belt Arm Can Be Tilted from 0-90 Degrees
All Ball-Bearing Construction
Cast-Iron Body