

MACHINE SPECIFICATIONS



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MODEL W1863 15" 3 HP PLANER WITH HELICAL CUTTERHEAD

Product Dimensions

Weight..... 476 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 37 x 48 x 44 in.
Footprint (Length x Width)..... 21-1/2 x 21 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 553 lbs.
Length x Width x Height..... 29 x 36 x 52 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Full-Load Current Rating..... 12A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 10 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors

Main

Horsepower..... 3 HP
Phase..... Single-Phase
Amps..... 12A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Triple V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

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Max. Cut Width.....	15 in.
Max. Cut Height.....	6 in.
Min. Stock Length.....	6 in.
Min. Stock Thickness.....	3/16 in.
Max. Stock Thickness.....	6-1/8 in.
Number of Cuts Per Inch.....	83, 104
Number of Cuts Per Minute.....	20,000
Cutterhead Speed.....	5000 RPM
Planing Feed Rate.....	16, 28 FPM
Max. Cut Depth Planing Full Width.....	3/32 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter	3 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	52
Cutter Insert Size Length.....	15 mm
Cutter Insert Size Width.....	15 mm
Cutter Insert Size Thickness.....	2.5 mm

Table Info

Table/Headstock Movement.....	6 in.
Table Bed Size Length.....	48 in.
Table Bed Size Width.....	15 in.
Table Bed Size Thickness.....	2 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	29 - 35 in.

Construction

Table.....	Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Cutterhead Assembly.....	Steel
Infeed Roller.....	Serrated Steel
Outfeed Roller.....	Smooth Steel
Paint Type/Finish.....	Powder Coated

Other

Table/Headstock Locks.....	Yes
Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	D2057A

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label on Upper Cover
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

- Extra-Large Ball-Bearing Return Rollers
- Large Side-Mounted Handwheel
- Cabinet Style Stand
- Internally Mounted 3HP Motor
- Triple V-Belt Drive
- Pedestal-Mounted Control Panel with E-Stop & Magnetic Switch Protection
- Anti-Kickback Fingers
- Oil-Bath Style Gearbox for Drive System
- Triple Belt Drive Inside Housing
- Heavy-Duty Cast-Iron Extension Wings
- Helical Cutterhead with Indexable Carbide Inserts
- Powder-Coated Finish