

MACHINE SPECIFICATIONS



© Woodstock International, Inc. • Phone: (800) 840-8420 • Web: www.shopfox.biz

MODEL W1874 15" 3 HP FIXED-TABLE PLANER W/HELICAL CUTTERHEAD

Product Dimensions

Weight..... 302 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 25 x 49 x 47-1/2 in.
Footprint (Length x Width)..... 21 x 18-1/2 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 377 lbs.
Length x Width x Height..... 30 x 24 x 49 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 V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

Main Specifications

Planer Size.....	15 in.
Max. Cut Width.....	15 in.
Min. Stock Length.....	6 in.
Min. Stock Thickness.....	3/16 in.
Max. Stock Thickness.....	6 in.
Number of Cuts Per Inch.....	108, 62
Number of Cuts Per Minute.....	20,800
Cutterhead Speed.....	5200 RPM
Planing Feed Rate.....	16, 28 FPM
Max. Cut Depth Planing Full Width.....	1/8 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	3/16 in.

Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter	2-5/8 in.
Number of Cutter Rows.....	4
Number of Indexable Cutters.....	48
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length.....	15mm
Cutter Insert Size Width.....	15mm
Cutter Insert Size Thickness.....	2.5mm

Table Info

Table/Headstock Movement.....	6 in.
Table Bed Size Length.....	21 in.
Table Bed Size Width.....	15 in.
Floor-to-Table Height.....	30-3/4 in.
Table Wings Size Length.....	14 in.
Table Wings Size Width.....	15-1/2 in.

Construction

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

Other

Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Mobile Base.....	D4666

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	30 Min.
Serial Number Location	Machine ID Label
Sound Rating	75-77 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

- Large Top-Mounted Handwheel
- Cabinet-Style Stand
- Internally Mounted 3HP Motor
- Poly-V Belt Drive
- Magnetic Switch
- Four Heavy-Duty Support Columns
- Anti-Kickback Fingers
- Drive Gears Run in Oil Bath
- Cast-Iron Extension Table Wings
- Includes Knife-Setting Jig
- Elevation Scale with Both Inch and Metric
- Powder-Coated Finish