

MACHINE SPECIFICATIONS



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MODEL W1754H 20" PLANER WITH BUILT-IN MOBILE BASE AND HELICAL CUTTERHEAD

Product Dimensions

Weight..... 771 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 55-1/2 x 43-1/2 x 45-7/8 in.
Footprint (Length x Width)..... 23-1/2 x 23-1/2 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 924 lbs.
Length x Width x Height..... 43 x 29 x 48 in.

Electrical

Power Requirement..... 240V, Single-Phase, 60 Hz
Full-Load Current Rating..... 19A
Minimum Circuit Size..... 30A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6-1/2 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... L6-30
Switch Type..... Magnetic Switch w/Overload Protection

Motors

Main

Horsepower..... 5 HP
Phase..... Single-Phase
Amps..... 19A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Triple V-Belt Drive
Bearings..... Sealed & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications

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Max. Cut Width.....	20 in.
Min. Stock Length.....	8 in.
Min. Stock Thickness.....	3/16 in.
Max. Stock Thickness.....	8 in.
Number of Cuts Per Inch.....	104, 83
Number of Cuts Per Minute.....	20,000
Cutterhead Speed.....	4800 RPM
Planing Feed Rate.....	16, 20 FPM
Max. Cut Depth Planing Full Width.....	1/8 in.
Max. Cut Depth Planing 6-Inch Wide Board.....	1/8 in.

Cutterhead Info

Cutterhead Type.....	Helical
Cutterhead Diameter	3-1/8 in.
Number of Cutter Rows.....	5
Number of Indexable Cutters.....	100
Cutter Insert Type.....	Indexable Carbide
Cutter Insert Size Length.....	15 mm
Cutter Insert Size Width.....	15 mm
Cutter Insert Size Thickness.....	2.5 mm

Table Info

Table/Headstock Movement.....	8 in.
Table Bed Size Length.....	25-3/4 in.
Table Bed Size Width.....	20 in.
Table Bed Size Thickness.....	1-3/4 in.
Number of Bed Rollers.....	2
Floor-to-Table Height.....	26-1/2 - 34-1/2 in.
Roller Ext. Table Size Length.....	55-1/2 in.
Roller Ext. Table Size Width.....	20 in.
Roller Ext. Table Size Thickness.....	1-3/4 in.

Construction

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

Other

Table/Headstock Locks.....	Yes
Measurement Scale.....	Inch & Metric
Number of Dust Ports.....	1
Dust Port Size.....	5 in.
Mobile Base.....	Built-In
Gear Box.....	2 Speed

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 30 Minutes
Serial Number Location ID Label Top of Headstock
Sound Rating 80 dB
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

Helical Cutterhead with German-Made Indexable Carbide Inserts
Built-In Mobile Base
Inch & Metric Measurement Scale
Chip Breaker & Pressure Bar
0.059 in. Table Movement Distance per Handwheel Revolution
Precision-Ground Cast-Iron Wings
Top-Mounted Board Return Rollers
Four Column Support with Positive Table Locks
Two-Speed Automatic Board Feed
Pedestal-Mounted Control Switch
Two Adjustable Bed Rollers