

# 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