MACHINE SPECIFICATIONS

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MODEL W1754S
20" PLANER WITH BUILT IN MOBILE BASE AND SPIRAL 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
Prewired Voltage	240V
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	Spiral
Cutterhead Diameter	3-1/8 in.
Number of Cutter Rows	4
Number of Indexable Cutters	98

Cutter Insert Information

Cutter Insert Type	Indexable Carbide
Cutter Insert Size Length	14 mm
Cutter Insert Size Width	14 mm
Cutter Insert Size Thickness	2 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

Spiral 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