

MACHINE SPECIFICATIONS



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MODEL W1812 SHOP FOX VARIABLE SPEED PLANER/MOULDER WITH STAND

Overall Dimensions

Weight	306 lbs.
Length	36 ¹ / ₄ in.
Width	22 in.
Height	34 ¹ / ₂ in.
Foot Print (Length x Width)	21" x 19 in.

Shipping Dimensions

Total Shipping Weight	324 lbs.
Box 1 Length x Width x Height	40 ¹ / ₈ x 19 ³ / ₄ x 22 ¹ / ₈ in.
Box 1 Weight	185 lbs.
Box 2 Length x Width x Height	22 ⁷ / ₈ x 21 ¹ / ₄ x 30 ¹ / ₄ in.
Box 2 Weight	139 lbs.

Electrical

Switch	Magnetic Switch w/Thermal Overload Protection
Switch Voltage	240V
Cord Length	6 ft.
Cord Gauge	14 AWG
Recommended Breaker Size	15A
Plug Included	NEMA 6-15

Motors

Cutterhead

Type	TEFC Capacitor Start Induction
Horsepower	2 HP
Voltage	240V
Phase	Single
Amps	10.8A
Speed	3450 RPM
Cycle	60 Hz
Number Of Speeds	1
Power Transfer	Power Twist V-Belt
Bearings	Shielded and Lubricated

Feed Rollers

Type	DC Universal
Horsepower	¹ / ₈ HP
Voltage, Amps	180VDC, 1.2A
Motor Speed	0-55 RPM (w/ (Voltage Reduction)
Feed Speed	0-18 FPM
Cycle	60 Hz
Number Of Speeds	Variable Speed
Power Transfer	Chain Drive

Main Specifications

Cutting Capacities

Maximum Planing Width.....	7 in.
Maximum Planing Depth	$\frac{1}{8}$ in.
Maximum Planing Height.....	$7\frac{1}{2}$ in.
Maximum Profile Width	$6\frac{3}{4}$ in.
Maximum Profile Depth	$\frac{3}{4}$ in.
Minimum Stock Thickness.....	$\frac{1}{4}$ in.
Minimum Stock Length	9 in.

Knife Information

Number of Knives	2
Knife Type	HSS
Knife Length	$7\frac{1}{8}$ in.
Knife Width.....	$1\frac{1}{2}$ in.
Knife Thickness	$\frac{1}{4}$ in.
Number of Cuts Per Minute.....	14,000
Number of Cuts Per Inch	64-300

Cutterhead Information

Cutterhead Type.....	Square
Cutterhead Diameter	$1\frac{1}{4}$ in.
Cutterhead Speed	7000 RPM

Table Information

Table Length w/Wings.....	$36\frac{1}{4}$ in.
Table Length w/o Wings.....	$14\frac{1}{8}$ in.
Table Width	10 in.
Table Thickness.....	$\frac{7}{16}$ in.
Extension Wing Length	11 in.
Extension Wing Width	$8\frac{9}{16}$ in.
Floor to Table Height	$30\frac{3}{8}$ in.

Other Information

Number of Dust Ports.....	1
Dust Port Size	4 in.
Measurement Scale Units	Inches

Construction Materials

Cabinet	Formed Steel
Body Assembly.....	Cast Iron
Cutterhead Assembly.....	Steel
Table & Extension Wing.....	Precision Ground Cast Iron
Paint	Powder Coat
Infeed and Outfeed Rollers	Rubber Coated Steel

Other

Country of Origin	Taiwan
Warranty	2 Year
Approximate Assembly Time	45 Minutes
Serial Number Location.....	Machine ID Label
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

Heavy-Duty Cast Iron Handwheel with Inch Measurement Scale for Cutterhead Housing Lift
Precision-Ground Cast Iron Infeed and Outfeed Extension Wings
Dovetailed Way for Cutterhead Housing with Precision Gib Adjustments
Pedestal-Mounted Control Switch with Variable Speed Control