

MACHINE SPECIFICATIONS



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MODEL W1804 11" DOVETAIL MACHINE

Motor

Type	TEFC Capacitor Start Induction
Horsepower	1 HP
Voltage	110V/220V
Prewired	110V
Phase	Single
Amps	10/5 A
Speed	3450 RPM
Cycle	60 Hz
Power Transfer	Belt Drive
Bearings	Sealed and Lubricated

Main Specifications

Cutting Capacities

Maximum Dovetail Height	3/4"
Minimum Dovetail Height	3/16"
Maximum Workpiece Thickness	1 3/4"
Minimum Workpiece Thickness	13/32"
Maximum Workpiece Size	11 1/4" W x 28" L
Minimum Workpiece Size	2 3/8" W x 7 7/8" L

Spindle & Bit Information

Number of Spindles	1
Spindle Speed	18,500 RPM
Dovetail Shank Diameter	1/2" (12mm)
Dovetail Bit	Angle 10° x 5/8" L, Single Cutter
Dovetail Templates	1", 1 1/2", 2", 2 1/2"

Overall Dimensions

Machine Size	30 1/2" W x 22 1/2" D x 57" H
Machine Weight	341 Lbs.
Footprint	26 3/4" W x 20 1/4" L
Table Height	38 5/16"
Table Size	19 1/2" W x 7" L

Construction Materials

Cabinet	Pre-Formed Steel
Carriage	Aluminum
Slide Way	Hardened & Ground Chromed Steel
Table	Precision Ground Cast Iron
Sliding Guide	Ball Bearing Linear Guides
Paint	Powder Coated

Shipping Dimensions

Shipping Crate Size 30" W x 26" L x 63" H
Shipping Weight 366 Lbs.

Electrical

Switch Push Button w/Large OFF Paddle
Switch Voltage 110V
Cord Length..... 9 ft.
Cord Gauge 14 gauge
Recommended Circuit Size 15 amp
Included Plug Type 5-15

Other

Number of Dust Ports 1
Dust Port Size 4"
Approximate Assembly Time 15 Minutes
Warranty 2 Year
Country of Origin Taiwan

Machine Highlights

1HP, 110V/220V, Motor (prewired 110V)
Included 1", 1 1/2", 2", and 2 1/2" dovetail templates
Micro-adjustable cutter controls for precision-fit dovetails
Cam-action clamps for quick workpiece loading/unloading
Handles workpieces as large as 3/4" H x 11 1/4" W x 28" L
Once setup, can create a dovetail joined box in under one minute!