

MACHINE SPECIFICATIONS



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MODEL W1819 10" 3 HP CABINET TABLE SAW WITH RIVING KNIFE

Product Dimensions

Weight..... 507 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 62 x 45-1/2 x 40 in.
Footprint (Length x Width)..... 22-1/4 x 20 in.

Shipping Dimensions

Carton #1

Type..... Cardboard Box on Wood Skids
Content..... Machine & Table Extension
Weight..... 457 lbs.
Length x Width x Height..... 40 x 30 x 32 in.

Carton #2

Type..... Cardboard Box
Content..... Fence
Weight..... 25 lbs.
Length x Width x Height..... 42 x 17 x 7 in.

Carton #3

Type..... Cardboard Box
Content..... Rails
Weight..... 45 lbs.
Length x Width x Height..... 68 x 7 x 5 in.

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Prewired Voltage..... 230V
Full-Load Current Rating..... 12.8A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Magnetic Switch w/Overload Protection

Motors

Main

Horsepower.....	3 HP
Phase.....	Single-Phase
Amps.....	12.8A
Speed.....	3450 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer	Triple V-Belt Drive
Bearings.....	Shielded & Permanently Lubricated

Main Specifications

Main Information

Table Saw Type.....	Cabinet
Maximum Standard Blade Diameter.....	10 in.
Arbor Size.....	5/8 in.
Arbor Speed.....	4300 RPM
Maximum Width of Dado.....	13/16 in.
Blade Tilt Direction.....	Left
Max Blade Tilt.....	45 deg.
Maximum Depth of Cut At 90 Degrees.....	3-1/8 in.
Maximum Depth of Cut At 45 Degrees.....	2-3/16 in.
Max Rip Right of Blade w/Included Fence & Rails.....	29-1/2 in.
Max Rip Left of Blade w/Included Fence & Rails.....	13-1/2 in.

Additional Blade Information

Included Blade Information.....	10" x 40T
Riving Knife/Spreader Thickness.....	0.100 in.
Required Blade Body Thickness.....	0.071 - 0.094 in.
Required Blade Kerf Thickness.....	0.102 - 0.126 in.
Rim Speed at Max Blade Diameter.....	11,300 FPM

Table Information

Floor to Table Height.....	34 in.
Table Size with Extension Wings Width.....	53-3/8 in.
Table Size with Extension Wings Depth.....	27 in.
Distance Front of Table to Center of Blade.....	17-1/8 in.
Distance Front of Table to Blade At Maximum Cut.....	12-1/2 in.
Main Table Size Thickness.....	1-7/8 in.

Fence Information

Fence Type.....	Camlock T-Shape w/HDPE Face
Fence Size Length.....	39-5/16 in.
Fence Size Width.....	3-7/8 in.
Fence Size Height.....	2-1/2 in.
Fence Rail Type.....	Square Steel Tubing
Fence Rail Length.....	62 in.
Fence Rail Width.....	2-3/4 in.
Fence Rail Height.....	2 in.

Miter Gauge Information

Miter Gauge Slot Type.....	T-Slot
Miter Gauge Slot Size Width.....	3/4 in.
Miter Gauge Slot Size Height.....	3/8 in.

Construction

Table.....	Precision-Ground Cast Iron
Wings.....	Precision-Ground Cast Iron
Cabinet.....	Pre-Formed Steel
Trunnions.....	Cast Iron
Fence Assembly.....	Steel with HDPE Side Plates
Rails.....	Steel
Miter Gauge Construction.....	Cast Iron with Steel Bar
Guard.....	Steel and Plastic
Body/Cabinet Paint Type/Finish.....	Powder Coated
Arbor Bearings.....	Sealed & Permanently Lubricated

Other Related Information

Number of Dust Ports.....	1
Dust Port Size.....	4 in.
Compatible Mobile Base.....	D2057A

Other

Country of Origin	China
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label on Cabinet
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	Yes

Features

T-slot miter gauge with extruded aluminum fence and flip stop
Precision-Ground Cast-Iron Table
Cast-Iron Trunnions
4" Dust Port
Riving Knife and Blade Guard
Camlock T-Shaped Fence with HDPE Face
Quick-Release Device for Changing Guard/Riving Knife
Powder Coated Paint
Standard and Dado Table Inserts
Quick Release Riving Knife
Quick Release Motor Guard
Quick Release Splitter Assembly
Easy Glide Fence System
Knurled Knobs for Adjusting Fence
Nylon Runners Inside Fence Head Assembly
Recessed Screw Holding Table Insert