

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 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