



MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G0833P 10" 2 HP 230V HYBRID TABLE SAW WITH RIVING KNIFE, POLAR BEAR SERIES

Product Dimensions:

Weight..... 396 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 62 x 39 x 47-3/4 in.
Footprint (Length x Width)..... 20-1/2 x 19-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard Box on Wood Skids
Content..... Machine
Weight..... 388 lbs.
Length x Width x Height..... 30 x 25 x 42 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Fence
Weight..... 21 lbs.
Length x Width x Height..... 37 x 15 x 7 in.
Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
Content..... Rails
Weight..... 33 lbs.
Length x Width x Height..... 64 x 6 x 4 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 115V or 230V, Single-Phase, 60 Hz
Prewired Voltage..... 230V
Full-Load Current Rating..... 16A at 115V, 8A at 230V
Minimum Circuit Size..... 20A at 115V, 15A at 230V
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 for 230V
Recommended Plug Type..... 5-20 for 115V
Switch Type..... START/STOP Push Button w/Large Shut-Off Paddle & Disabling Pin
Voltage Conversion Kit..... P0833P224X

Motors:

Main

Horsepower.....	2 HP
Phase.....	Single-Phase
Amps.....	16A/8A
Speed.....	3450 RPM
Type.....	TEFC Capacitor-Start Induction
Power Transfer	Poly-V Belt Drive
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	Internal

Main Specifications:

Main Information

Table Saw Type.....	Hybrid
Maximum Blade Diameter.....	10 in.
Arbor Size.....	5/8 in.
Arbor Speed.....	3850 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.....	31-1/2 in.
Max Rip Left of Blade w/Included Fence & Rails.....	11-3/8 in.

Additional Blade Information

Included Blade Information.....	10" x 40T
Riving Knife/Spreader Thickness.....	0.1 in.
Required Blade Body Thickness.....	0.063 – 0.094 in.
Required Blade Kerf Thickness.....	0.102 – 0.126 in.
Rim Speed at Max Blade Diameter.....	10,074 FPM

Table Information

Floor to Table Height.....	34-1/4 in.
Table Size with Extension Wings Width.....	40 in.
Table Size with Extension Wings Depth.....	27 in.
Distance Front of Table to Center of Blade.....	16-1/4 in.
Distance Front of Table to Blade At Maximum Cut.....	11-1/2 in.
Main Table Size Thickness.....	1-1/2 in.

Fence Information

Fence Type.....	Camlock T-Shape w/High-Low Profile Face
Fence Size Length.....	34-5/8 in.
Fence Size Width.....	4-5/8 in.
Fence Size Height.....	3 in.
Fence Rail Type.....	Square Steel Tubing/Angle Iron
Fence Rail Length.....	61-7/8 in.
Fence Rail Width.....	2 in.
Fence Rail Height.....	1-5/8 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 w/Aluminum Fence
Rails.....	Steel
Miter Guage Construction.....	Cast Iron
Guard.....	Clear Plastic
Body/Cabinet Paint Type/Finish.....	Powder Coated
Arbor Bearings.....	Sealed & Permanently Lubricated

Other Related Information

Number of Dust Ports.....	2
Dust Port Size.....	4 in. & 1-1/2 in.
Compatible Mobile Base.....	D2057A

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	Machine ID Label
Sound Rating	87 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- Fully-Enclosed, Quick-Release Blade Guard and Spreader
- Quick-Release Riving Knife
- Zinc Alloy Hinged Motor Cover
- 4" & 1-1/2" Dust Ports
- Heavy Cast Handwheels
- T-Slot Miter Gauge
- Poly-V Serpentine Drive Belt System for Reduced Noise/Vibration
- Precision-Ground Cast-Iron Table
- Large Cabinet-Mounted, Cast-Iron Trunnions
- Durable Powder-Coated Finish
- Deluxe 2-Position Aluminum Rip Fence
- Easy-Glide Fence System with Added Micro-Adjustment Controls
- Standard & Dado Table Inserts
- Built-In Dust Port on Blade Guard
- Included 10" x 40T Carbide-Tipped Blade