



MACHINE DATA SHEET

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

MODEL G0690 10" 3HP 220V CABINET TABLE SAW WITH RIVING KNIFE

Product Dimensions:

Weight..... 507 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 62 x 41 x 40 in.
 Footprint (Length x Width)..... 20 x 20 in.
 Space Required for Full Range of Movement (Width x Depth)..... 62 x 45-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard Box on Wood Skids
 Content..... Machine
 Weight..... 462 lbs.
 Length x Width x Height..... 33 x 30 x 40 in.
 Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
 Content..... Fence
 Weight..... 24 lbs.
 Length x Width x Height..... 42 x 17 x 7 in.
 Must Ship Upright..... No

Carton #3

Type..... Cardboard Box
 Content..... Rails
 Weight..... 44 lbs.
 Length x Width x Height..... 66 x 7 x 5 in.
 Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
 Prewired Voltage..... 220V
 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 & Disabling Pin

Motors:

Main

Type..... TEFC Capacitor-Start Induction
 Horsepower..... 3 HP
 Phase..... Single-Phase
 Amps..... 12.8A
 Speed..... 3450 RPM
 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.....	12 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.....	40 in.
Table Size with Extension Wings Depth.....	27 in.
Distance Front of Table to Center of Blade.....	17-1/4 in.
Distance Front of Table to Blade At Maximum Cut.....	12-1/4 in.
Main Table Size Thickness.....	1-1/2 in.

Fence Information

Fence Type.....	Camlock T-Shape w/HDPE Face
Fence Size Length.....	48 in.
Fence Size Width.....	4-1/8 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 Clear 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 Specifications:

Country of Origin China
Warranty 1 Year
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:

Quick-Release Blade Guard and Spreader
Quick Release Riving Knife
Hinged Motor Cover
4" Dust Port
Heavy-Duty Handwheels
Heavy-Duty T-Slot Miter Gauge
Triple V-Belts
Precision-Ground Cast-Iron Table
High Quality 3 HP Motor
Heavy-Duty Cast-Iron Trunnions
Powder Coated Paint
Camlock T-Shaped Fence with HDPE Face
Easy Glide Fence System
Knurled Knobs for Adjusting Fence
Nylon Runners Inside Fence Head Assembly
Standard and Dado Table Inserts
Recessed Screw Holding Table Insert
Included 10" x 40T Carbide-Tipped Blade

Accessories Recommended:

T24862 Long Rail Kit for G0690