



MACHINE DATA SHEET

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

MODEL G0820 12" 7-1/2 HP 3-PHASE COMPACT SLIDING TABLE SAW

Product Dimensions:

Weight..... 828 lbs.
 Width (side-to-side) x Depth (front-to-back) x Height..... 118 x 90 x 45 in.
 Footprint (Length x Width)..... 35 x 45 in.
 Space Required for Full Range of Movement (Width x Depth)..... 134 x 118 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine & Sliding Table
 Weight..... 996 lbs.
 Length x Width x Height..... 67 x 46 x 45 in.
 Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
 Prewired Voltage..... 220V
 Full-Load Current Rating..... 20A at 220V, 10A at 440V
 Minimum Circuit Size..... 30A at 220V, 15A at 440V
 Connection Type..... Cord at 220V, Permanent (Hardwire) at 440V
 Power Cord Included..... No
 Recommended Power Cord..... "S"-Type, 4-Wire, 12 AWG, 300 VAC for 220V
 Recommended Plug Type..... L15-30 for 220V
 Switch Type..... Magnetic Switch w/Overload Protection

Motors:

Main

Horsepower..... 7.5 HP
 Phase..... 3-Phase
 Amps..... 20A/10A
 Speed..... 3450 RPM
 Type..... TEFC Induction
 Power Transfer Belt Drive
 Bearings..... Shielded & Permanently Lubricated
 Centrifugal Switch/Contacts Type..... N/A

Main Specifications:

Operation Information

Main Blade Size..... 12 in.
 Riving Knife/Spreader Thickness..... 0.0984 in.
 Required Blade Body Thickness..... 0.087 in.
 Required Blade Kerf Thickness..... 0.118 in.
 Main Blade Arbor Size..... 1 in.
 Scoring Blade Size..... 4-3/4 in.
 Scoring Blade Arbor Size..... 20 mm
 Main Blade Tilt..... 0 – 45 deg.
 Main Blade Speed..... 4000 RPM
 Scoring Blade Tilt..... 0 – 45 deg.
 Scoring Blade Speed..... 8000 RPM

Cutting Capacities

Max Depth of Cut At 90 Deg.....	3-5/16 in.
Max Depth of Cut At 45 Deg.....	2-3/8 in.
Rip Fence Max Cut Width.....	33 in.
Sliding Table w/Crosscut Fence Max Cut Width.....	68-1/2 in.
Sliding Table w/Crosscut Fence Max Cut Length.....	63 in.

Table Information

Floor To Table Height.....	34-1/4 in.
Table Size Length.....	35-1/4 in.
Table Size Width.....	21-1/2 in.
Table Size Thickness.....	2-1/4 in.
Table Size With Ext Wings Length.....	68 in.
Table Size With Ext Wings Width.....	40 in.
Table Size With Ext Wings Thickness.....	2-3/8 in.
Sliding Table Length.....	63 in.
Sliding Table Width.....	12-1/4 in.
Sliding Table Thickness.....	6 in.
Sliding Table T-Slot Top Width.....	5/8 in.
Sliding Table T-Slot Height.....	5/8 in.
Sliding Table T-Slot Bottom Width.....	1-1/4 in.

Fence Information

Crosscut Fence Type.....	Extruded Aluminum
Crosscut Fence Size Length.....	73-1/4 in.
Crosscut Fence Size Width.....	2-3/8 in.
Crosscut Fence Size Height.....	2-3/8 in.
Rip Fence Size Length.....	39-3/8 in.
Rip Fence Size Width.....	2 in.
Rip Fence Size Height.....	3-1/2 in.

Construction Materials

Table.....	Cast Iron
Sliding Table.....	Aluminum
Extension Table.....	Steel
Cabinet.....	Steel
Rip Fence.....	Aluminum
Miter Fence.....	Aluminum
Rip Fence Rails.....	Steel
Guard.....	Plastic
Spindle Bearing Type.....	Sealed and Permanently Lubricated
Cabinet Paint Type/Finish.....	Powder Coated

Other Related Information

No of Dust Ports.....	2
Dust Port Size.....	2-1/2, 5 in.

Other Specifications:

Country of Origin	Taiwan
Warranty	1 Year
Approximate Assembly & Setup Time	3 Hours
Serial Number Location	Machine ID Label
Sound Rating	82 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- Crosscut Fence for 90-Deg. and 45-Deg. Cuts
- Aluminum Rip Fence
- Double Roller-Carriage Sliding Table
- Adjustable Riving Knife
- Adjustable Blade Hood Guard
- 5" Main Dust Port
- Blade Tilts 45-Deg. for Miter Cutting
- Precision-Ground Cast-Iron Main Table