



# MACHINE DATA SHEET

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

## MODEL G0591 12" SLIDING TABLE SAW-5HP, 1 PHASE

### Product Dimensions:

Weight..... 1140 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 126 x 140 x 48 in.  
Footprint (Length x Width)..... 79 x 74 in.

### Shipping Dimensions:

#### Carton #1

Type..... Wood Crate  
Content..... Machine  
Weight..... 1282 lbs.  
Length x Width x Height..... 89 x 43 x 43 in.

#### Carton #2

Type..... Wood Crate  
Content..... Sliding Table  
Weight..... 295 lbs.  
Length x Width x Height..... 130 x 19 x 13 in.

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Minimum Circuit Size..... 30A  
Switch..... Magnetic with Thermal Overload Protection  
Switch Voltage..... 220V  
Plug Included..... No  
Recommended Plug/Outlet Type..... L6-30

### Motors:

#### Main

Type..... TEFC Induction  
Horsepower..... 5 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Single-Phase  
Amps..... 22A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer..... Belt Drive  
Bearings..... Shielded and Lubricated

### Main Specifications:

#### Operation Information

Main Blade Size..... 12 in.  
Main Arbor Size..... 1 in.  
Scoring Blade Size..... 3-1/8 in.  
Scoring Blade Arbor Size..... 20 mm  
Main Blade Tilt..... 0 - 45 deg.  
Main Blade Speed..... 4800 RPM  
Scoring Blade Tilt..... 0 - 45 deg.  
Scoring Blade Speed..... 9000 RPM

**Cutting Capacities**

Max Depth of Cut At 90 Deg.....	3-7/8 in.
Max Depth of Cut At 45 Deg.....	2-3/4 in.
Table With Rip Fence Max Cut Width.....	49-1/8 in.
Sliding Table With Cross Fence Max Cut Width.....	126 in.
Sliding Table With Cross Fence Max Cut Length.....	118 in.
Miter Fence Cut Width At 45 Deg.....	118 in.

**Table Information**

Floor To Table Height.....	36 in.
Table Size Length.....	65 in.
Table Size Width.....	59 in.
Table Size Thickness.....	3 in.
Table Size With Ext Wings Length.....	65 in.
Table Size With Ext Wings Width.....	59 in.
Table Size With Ext Wings Thickness.....	3 in.
Sliding Table Length.....	118 in.
Sliding Table Width.....	13-3/4 in.
Sliding Table Thickness.....	2-1/4 in.
Sliding Table T Slot Top Width.....	5/8 in.
Sliding Table T Slot Height.....	3/4 in.
Sliding Table T Slot Bottom Width.....	1-3/8 in.

**Fence Information**

Fence Type.....	Single Lever Locking, Extruded Aluminum
Fence Size Length.....	79 in.
Fence Size Width.....	1-5/8 in.
Fence Size Height.....	2-1/4 in.
Fence Stops.....	2

**Construction Materials**

Table.....	Aluminum
Sliding Table.....	Aluminum
Base.....	Steel
Body Assembly.....	Steel
Cabinet.....	Steel
Trunnions.....	Cast Iron
Fence Assembly.....	Extruded Aluminum
Rails.....	Chromed Steel
Guard.....	Plastic
Spindle Bearing Type.....	Radial Ball Bearing 6004-2RS
Paint.....	Epoxy

**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
Serial Number Location .....	ID Tag
Assembly Time .....	3 hours

**Features:**

- Blade Guard with 2 1/2" Dust Port
- 5" Main Dust Port
- Adjustable Scoring Knife Kerf
- Adjustable Riving Knife
- Micro Adjustable, Single Lever Locking Fence
- Scoring Saw Blade Ensures Tear-out Free Cutting
- Durable Extruded Aluminum Sliding Table
- Large Handle for Effortless Cutting Operations
- Blade Tilts 45 degrees for Miter Cutting
- Miter Fence can be Positioned at 45 degrees Right and Left
- Miter Fence has two Swing Stops for Repetitive Cutting
- Table Extension on Right and Rear Side of Main Table Permits Convenient Cutting of Large Panels
- Rugged Construction for Maximum Stability
- Precision Ground Cast Iron Main Table
- Quick Clamp on Sliding Table