



# MACHINE DATA SHEET

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

## MODEL G0451 14" 10 HP SLIDING TABLE SAW

### Product Dimensions:

Weight..... 1309 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 105-1/2 x 117-1/2 x 49 in.  
 Footprint (Length x Width)..... 54-1/2 x 39 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 226 x 204 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
 Content..... Machine  
 Weight..... 1680 lbs.  
 Length x Width x Height..... 103 x 46 x 43 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz  
 Prewired Voltage..... 220V  
 Full-Load Current Rating..... 29.6A at 220V, 14.8A at 440V  
 Minimum Circuit Size..... 40A at 220V, 20A at 440V  
 Connection Type..... Permanent (Hardwire to Shutoff Switch)  
 Plug Included..... No  
 Switch Type..... Magnetic Switch w/Thermal Overload Protection  
 Voltage Conversion Kit..... Requires Part# G440VG0451  
 Recommended Phase Converter..... G7979

### Motors:

#### Main

Horsepower..... 10 HP  
 Phase..... 3-Phase  
 Amps..... 26A/13A  
 Speed..... 3450 RPM  
 Type..... TEFC Induction  
 Power Transfer ..... Belt Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... N/A

#### Scoring Blade

Horsepower..... 1 HP  
 Phase..... 3-Phase  
 Amps..... 3.6A/1.8A  
 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.....	14 in.
Main Blade Arbor Size.....	1 in.
Scoring Blade Size.....	120 mm
Scoring Blade Arbor Size.....	22 mm
Main Blade Tilt.....	0 – 45 deg.
Main Blade Speed.....	4200 RPM
Scoring Blade Tilt.....	0 – 45 deg.
Scoring Blade Speed.....	8000 RPM

**Cutting Capacities**

Max Depth of Cut At 90 Deg.....	4-1/2 in.
Max Depth of Cut At 45 Deg.....	3-1/2 in.
Rip Fence Max Cut Width.....	32-5/8 in.
Sliding Table w/Crosscut Fence Max Cut Width.....	98-3/8 in.
Sliding Table w/Crosscut Fence Max Cut Length.....	126 in.
Miter Fence Max Cut Width at 45 Deg.....	114-1/2 in.

**Table Information**

Floor To Table Height.....	33-1/2 in.
Table Size Length.....	39-1/4 in.
Table Size Width.....	24 in.
Table Size Thickness.....	2-1/2 in.
Table Size With Ext Wings Length.....	68 in.
Table Size With Ext Wings Width.....	39-3/4 in.
Table Size With Ext Wings Thickness.....	2-1/2 in.
Sliding Table Length.....	98 in.
Sliding Table Width.....	13-3/4 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.....	1-3/8 in.

**Fence Information**

Crosscut Fence Type.....	Single Lever Locking, Extruded Aluminum
Crosscut Fence Size Length.....	39-3/8 in.
Crosscut Fence Size Width.....	2-3/8 in.
Crosscut Fence Size Height.....	3-1/2 in.
Crosscut Fence Number of Stops.....	2

**Construction Materials**

Table.....	Precision-Ground Cast Iron
Sliding Table.....	Aluminum
Cabinet.....	Steel
Rip Fence Rails.....	Chromed Steel
Guard.....	Plastic
Spindle Bearing Type.....	Radial Ball Bearing 6206-2RS
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 ..... 2-1/2 Hours  
Serial Number Location ..... ID Label  
ISO 9001 Factory ..... No  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**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