



# MACHINE DATA SHEET

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

## MODEL G8144 12" VERTICAL METAL CUTTING BANDSAW

### Product Dimensions:

Weight..... 540 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 34 x 21-1/4 x 59-7/8 in.  
Footprint (Length x Width)..... 28 x 15 in.

### Shipping Dimensions:

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 594 lbs.  
Length x Width x Height..... 37 x 68 x 25 in.

### Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 11.2A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 8-1/2 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Switch Type..... Mechanical

### Motors:

#### Grinder

Horsepower..... 1/8 HP  
Phase..... Single-Phase  
Amps..... 1.2A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Direct Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

#### Main

Horsepower..... 1/2 HP  
Phase..... Single-Phase  
Amps..... 10A  
Speed..... 1720 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

**Main Specifications:**

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Bandsaw Size.....	12 in.
Max Cutting Width (Left of Blade).....	12-1/8 in.
Max Cutting Height.....	5-1/8 in.
Blade Speeds.....	89, 159, 229, 332 FPM

**Blade Information**

Standard Blade Length.....	97 in.
Blade Length Range.....	94-1/4 – 98-1/4 in.
Blade Width Range.....	1/8 – 1/2 in.
Blade Guides.....	Steel

**Table Information**

Table Length.....	15-3/4 in.
Table Width.....	19-1/2 in.
Table Thickness.....	1-7/8 in.
Table Tilt.....	Left 15, Right 45 deg.
Floor-to-Table Height.....	35-7/16 in.
Includes Fence.....	No

**Blade Welding Station Information**

Blade Width Range (Bi-Metal).....	1/8 – 3/8 in.
Blade Thickness.....	0.025 in.
Welding Power.....	1.2 KVA
Grinder Wheel Size.....	1/4 x 3/4 x 2-1/2 in.
Grinder Wheel Grit.....	#60
Grinder Wheel Speed.....	3450 RPM

**Construction Materials**

Table.....	Precision-Ground Cast Iron
Base/Stand.....	Pre-Formed Steel
Body/Frame.....	Cast Iron
Wheels.....	Fully-Balanced Cast Iron
Tires.....	Rubber
Wheel Covers.....	Pre-Formed Steel
Paint Type/Finish.....	Urethane

**Other Related Information**

Wheel Diameter.....	12 in.
Wheel Width.....	1-1/8 in.
Tire Width.....	1/2 in.
Compatible Mobile Base.....	D2057A

**Other Specifications:**

Country of Origin .....	Taiwan
Warranty .....	1 Year
Approximate Assembly & Setup Time .....	1 Hour
Serial Number Location .....	ID Label on Electrical Control Panel
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

Station for Joining Blade Ends with Cut-off, Grinder, Clamp, Welder and Annealing  
Lower Wheel Cleaning Brush  
Work Light  
Integral Chip Pan  
Left, Right, Forward and Back Table Tilting Control  
Upper and Lower Blade Guide  
Includes 1/4" Blade