



# MACHINE DATA SHEET

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

## MODEL G8144Z 12" 1 HP VS VERTICAL METAL-CUTTING BANDSAW WITH INVERTER

### Product Dimensions:

Weight..... 370 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)..... 28-5/8 x 15 in.

### Shipping Dimensions:

Type..... Cardboard Box on Wood Skids  
Content..... Machine  
Weight..... 566 lbs.  
Length x Width x Height..... 23 x 32 x 68 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 3.9A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6-1/2 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... No  
Recommended Plug Type..... 6-15  
Switch Type..... ON/OFF Push Button Switch  
Inverter (VFD) Type..... Rhymebus RM5G-200V  
Inverter (VFD) Size..... 1 HP

### Motors:

#### Grinder

Horsepower..... 1/8 HP  
Phase..... Single-Phase  
Amps..... 0.6A  
Speed..... 3450 RPM  
Type..... ODP Permanent-Split Capacitor  
Power Transfer ..... Direct Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

#### Main

Horsepower..... 1 HP  
Phase..... 3-Phase  
Amps..... 3.3A  
Speed..... 1725 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

**Main Specifications:**

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Bandsaw Size.....	12 in.
Max Cutting Width (Left of Blade).....	12-3/16 in.
Max Cutting Height.....	5-1/8 in.
Blade Speeds.....	104 – 1300 FPM

**Blade Information**

Standard Blade Length.....	97 in.
Blade Length Range.....	94-1/4 – 98-1/4 in.
Blade Width Range.....	1/8 – 3/8 in.
Blade Guides.....	Tungsten Steel

**Table Information**

Table Length.....	22-1/8 in.
Table Width.....	18-1/8 in.
Table Thickness.....	1-5/8 in.
Table Tilt.....	Left 15, Right 45 deg.
Floor-to-Table Height.....	34-5/8 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.....	D2058A

**Other Specifications:**

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

**Features:**

- Station for Joining Blade Ends
- Includes Cut-Off Blades, Electric Welder w/Clamp, Annealer and Grinder
- Variable Cutting Speeds w/Digital Read-Out
- Lower Wheel Cleaning Brush
- Work Light