



# MACHINE DATA SHEET

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

## MODEL G3155 8" X 20" SURFACE GRINDER

### Product Dimensions:

Weight..... 1620 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 66 x 43 x 64 in.  
Footprint (Length x Width)..... 26-1/4 x 26-3/4 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1898 lbs.  
Length x Width x Height..... 44 x 54 x 75 in.

### Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz  
Minimum Circuit Size..... 15A  
Switch..... On/Off  
Switch Voltage..... 220V  
Cord Length..... 8 in.  
Cord Gauge..... 14 AWG  
Plug Included..... No  
Recommended Phase Converter..... G5844

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower..... 2 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... 3-Phase  
Amps..... 6.8A  
Speed..... 3450 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Bearings..... Shielded, Permanently Lubricated

**Main Specifications:**

**Operation Info**

Max. Dist Wheel To Table.....	13-7/8 in.
Max. Distance Table To Spindle Center.....	17 in.
Longitudinal Travel.....	23-1/8 in.
Cross Travel.....	9-1/8 in.
Spindle Dia.....	1-1/4 in.
Spindle Speed.....	3450 RPM
Max. Grinding Length.....	21-1/2 in.
Max. Grinding Width.....	10 in.
Grinding Wheel Bore.....	1-1/4 in.
Grinding Wheel Diameter.....	8 in.
Grinding Wheel Width.....	3/4 in.
Downfeed Range.....	0.0001 - 0.0002 in.
Vertical Handwheel Graduation.....	0.0002 in.
Vertical Handwheel Revolution.....	0.05 in.
Crossfeed Handwheel Graduation.....	0.0005 in.
Crossfeed Handwheel Revolution.....	0.1 in.
Crossfeed of Saddle Range.....	10 in.

**Table Info**

Table Size Length.....	19-3/4 in.
Table Size Width.....	8 in.
Floor To Table Height.....	38-1/2 in.
T Slot Size Width.....	1/2 in.
T Slot Size Height.....	1 in.
Stud Size.....	1/2 in.
Head Size.....	7/8 in.

**Magnetic Chuck Info**

Magnetic Chuck Size Length.....	15-3/4 in.
Magnetic Chuck Size Width.....	7-7/8 in.

**Construction**

Table.....	Cast Iron
Body.....	Cast Iron
Base.....	Cast Iron
Spindle Bearing Type.....	Shielded and Permanently Lubricated
Paint.....	Epoxy

**Other**

Column Size Width.....	9-1/4 in.
Column Size Length.....	12-3/4 in.
Coolant Tank Width.....	11 in.
Coolant Tank Length.....	19-1/2 in.
Coolant Tank Height.....	9-7/8 in.
Coolant Tank Capacity.....	9.17 GAL
Mobile Base.....	G7315Z

**Other Specifications:**

Country Of Origin .....	China
Warranty .....	1 Year
Serial Number Location .....	ID Label

**Features:**

- Flood Coolant System
- Column Dial
- Cross Feed Dial
- Cast Iron Cabinet
- One Shot Lubrication
- Power Indicator Lights
- Work Light
- Ball Bearing Longitudinal Slide
- Splash Guard

**Accessories Included:**

- 24 Grit Grinding Wheel
- Dressing Diamond with Mount
- Grinding Stone Balance Kit
- Leveling Pads
- Tool Box with Wrenches