



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)..... 26-1/2 x 27 in.

Shipping Dimensions:

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

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Full-Load Current Rating..... 7.7A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 8 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... No
Recommended Plug Type..... 15-15
Switch Type..... Control Panel w/Magnetic Switch Protection
Recommended Phase Converter..... G5844

Motors:

Main

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 7.3A
Speed..... 3360 RPM
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated

Coolant Pump

Horsepower..... 40 W
Phase..... 3-Phase
Amps..... 0.42A
Speed..... 3360 RPM
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Max. Distance 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 Diameter.....	1-1/4 in.
Spindle Speed.....	3360 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 Type/Finish.....	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.....	D2058A

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	1 Hour
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