



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.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 6.8A
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..... 6.8A
Speed..... 3450 RPM
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

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..... | 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 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 |
| ISO 9001 Factory | No |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) | No |

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