



MACHINE DATA SHEET

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

MODEL G5963 6" X 12" SURFACE GRINDER W/ STAND

Product Dimensions:

Weight..... 533 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 36-1/2 x 33 x 64 in.
Footprint (Length x Width)..... 20 x 20 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 522 lbs.
Length x Width x Height..... 29 x 30 x 42 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 69 lbs.
Length x Width x Height..... 28 x 22 x 22 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 115V or 230V, Single-Phase, 60 Hz
Prewired Voltage..... 115V
Full-Load Current Rating..... 7.4A at 115V, 3.7A at 230V
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 5 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Recommended Plug Type..... 6-15 for 230V
Switch Type..... Magnetic Switch w/Thermal Overload Protection

Motors:

Main

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 7.4A/3.7A
Speed..... 3450 RPM
Type..... TEFC Capacitor-Start Induction
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Operation Info

Max. Distance Wheel to Table.....	8-7/8 in.
Max. Distance Table to Spindle Center.....	12-1/2 in.
Longitudinal Travel.....	13-1/4 in.
Cross Travel.....	7-1/8 in.
Spindle Diameter.....	1-1/4 in.
Spindle Speed.....	3450 RPM
Max. Grinding Length.....	13-1/2 in.
Max. Grinding Width.....	7-1/4 in.
Grinding Wheel Bore.....	1-1/4 in.
Grinding Wheel Diameter.....	7 in.
Grinding Wheel Width.....	1/2 in.
Vertical Handwheel Graduation.....	0.001 in.
Vertical Handwheel Revolution.....	0.05 in.
Crossfeed Handwheel Graduation.....	0.001 in.
Crossfeed Handwheel Revolution.....	0.1 in.
Crossfeed of Saddle Range.....	7-1/4 in.

Table Info

Table Size Length.....	12 in.
Table Size Width.....	6 in.
Floor to Table Height.....	38-1/2 in.
T-Slot Size Width.....	1/2 in.
T-Slot Size Height.....	3/4 in.
Stud Size.....	1/2 in.
Head Size.....	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 Diameter.....	5 in.
Mobile Base.....	D2057A

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	30 Minutes
Serial Number Location	ID Label on Motor
ISO 9001 Factory	No
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

- One Shot Lubrication
- Column Dial
- Cross Feed Dial
- Heavy Gauge Sheet Metal Cabinet
- Power Indicator Lights
- Super Slide Table
- Guard

Accessories Included:

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