



MACHINE DATA SHEET

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

MODEL G3104 6" X 18" SURFACE GRINDER

Product Dimensions:

Weight..... 1330 lbs.
 Length/Width/Height..... 42-3/4 x 61 x 63 in.
 Foot Print (Length/Width)..... 22 x 22 in.

Shipping Dimensions:

Type..... Wood Crate
 Content..... Machine
 Weight..... 1429 lbs.
 Length/Width/Height..... 45 x 42 x 73 in.

Electrical:

Switch..... On/Off
 Switch Voltage..... 110V
 Cord Length..... 8 in.
 Cord Gauge..... 14 gauge
 Minimum Circuit Size..... 15 amps
 Plug Included..... Yes

Motors:

Main

Type..... TEFC Capacitor Start Induction
 Horsepower..... 1-1/2 HP
 Voltage..... 110/220V
 Prewired..... 110V
 Phase..... Single
 Amps..... 5/10A
 Speed..... 3450 RPM
 Cycle..... 60 Hz
 Number Of Speeds..... 1
 Bearings..... Shielded, Permanently Lubricated

Main Specifications:

Operation Info

Max. Dist Wheel To Table.....	10-3/4 in.
Max. Distance Table To Spindle Center.....	15-3/4 in.
Longitudinal Travel.....	20-1/2 in.
Cross Travel.....	6-7/8 in.
Spindle Dia.....	1-1/4 in.
Spindle Speed.....	3450 RPM
Max. Grinding Length.....	20-1/2 in.
Max. Grinding Width.....	6-3/4 in.
Grinding Wheel Bore.....	1-1/4 in.
Grinding Wheel Diameter.....	7 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.....	7-1/4 in.

Table Info

Table Size Length.....	18 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.....	3/8 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.....	5-7/8 in.

Construction

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

Other

Column Size Width.....	7-1/2 in.
Column Size Length.....	12 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	Top Front Info Sticker

Features:

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

Accessories Included:

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