



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.
Width (side-to-side) x Depth (front-to-back) x Height..... 61 x 42-3/4 x 63 in.
Footprint (Length x Width)..... 22 x 22 in.

Shipping Dimensions:

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

Electrical:

Minimum Circuit Size..... 15 amps
Switch..... On/Off
Switch Voltage..... 110V
Cord Length..... 8 in.
Cord Gauge..... 14 gauge
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..... | Cast Iron |
| Body..... | Cast Iron |
| Base..... | 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