



# MACHINE DATA SHEET

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

## MODEL G0567 SURFACE GRINDER 10" X 20"

### Product Dimensions:

Weight..... 4125 lbs.  
 Length/Width/Height..... 65 x 59-7/8 x 75-5/8 in.  
 Foot Print (Length/Width)..... N/A x N/A

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 4334 lbs.  
 Length/Width/Height..... 67 x 80 x 85 in.

### Electrical:

Switch..... On/Off  
 Switch Voltage..... 220V  
 Plug Included..... No  
 Phase Converter..... G5845

### Motors:

#### Spindle

Type..... TEFC Capacitor Start Induction  
 Horsepower..... 3 HP  
 Voltage..... 220/440V  
 Prewired..... 220V  
 Phase..... Three  
 Amps..... 8/5A  
 Speed..... 3450 RPM  
 Cycle..... 50 Hz  
 Number Of Speeds..... 1  
 Bearings..... Shielded, Permanently Lubricated

#### Hydraulic

Horsepower..... 2 HP  
 Voltage..... 220V  
 Prewired..... 220V  
 Phase..... Three  
 Amps..... 7A  
 Speed..... 1420 RPM  
 Cycle..... 60 Hz  
 Number Of Speeds..... 1  
 Bearings..... Shielded, Permanently Lubricated

#### Crossfeed

Horsepower..... 1/8 HP  
 Voltage..... 220V  
 Prewired..... 220V  
 Phase..... Three  
 Amps..... 0.5A  
 Cycle..... 60 Hz  
 Number Of Speeds..... 1  
 Bearings..... Shielded, Permanently Lubricated

## Coolant

Horsepower.....	1/8 HP
Voltage.....	220V
Prewired.....	220V
Phase.....	Three
Amps.....	0.5A
Cycle.....	60 Hz
Number Of Speeds.....	1
Bearings.....	Shielded, Permanently Lubricated

## Main Specifications:

### Operation Info

Max. Dist Wheel To Table.....	15 in.
Max. Distance Table To Spindle Center.....	21-1/16 in.
Longitudinal Travel.....	22-5/8 in.
Cross Travel.....	11 in.
Spindle Dia.....	1-1/4 in.
Spindle Speed.....	3450 RPM
Max. Grinding Length.....	21-1/2 in.
Max. Grinding Width.....	10 in.
Table Speed.....	200 - 1000 in/min
Grinding Wheel Bore.....	1-1/4 in.
Grinding Wheel Diameter.....	8 in.
Grinding Wheel Width.....	1 in.
Downfeed Range.....	0.0001 - 0.001 in.
Vertical Handwheel Graduation.....	0.0005 in.
Vertical Handwheel Revolution.....	0.1 in.
Crossfeed Handwheel Graduation.....	0.001 in.
Crossfeed Handwheel Revolution.....	0.2 in.
Crossfeed of Saddle Range.....	11 in.

### Table Info

Table Size Length.....	20 in.
Table Size Width.....	10 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.....	20 in.
Magnetic Chuck Size Width.....	10 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.....	9-1/4 in.
Column Size Length.....	12-3/4 in.
Coolant Tank Width.....	17-3/4 in.
Coolant Tank Length.....	24-3/4 in.
Coolant Tank Height.....	12 in.
Hydraulic Tank Capacity.....	13.55 GAL

**Other Specifications:**

Country Of Origin ..... China  
Warranty ..... 1 Year  
Serial Number Location ..... ID Label

**Features:**

- Flood Coolant System
- Column Dial
- Cross Feed Dial
- Massive Cast Iron Construction
- Independent Hydraulic System
- Conveniently Placed Control Panel
- Halogen Work Light

**Accessories Included:**

- 2 Piece T-Bolt Set
- Adjustable Spanner Wrench
- Double Spanner Wrench
- Magnetic Chuck
- Stone Balancing Kit
- Tool Box
- Wheel Dressing Device

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