



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.
Width (side-to-side) x Depth (front-to-back) x Height..... 65 x 59-7/8 x 75-5/8 in.
Footprint (Length x Width)..... N/A x N/A

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 4334 lbs.
Length x Width x Height..... 67 x 80 x 85 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V or 440V, 3-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 16A at 220V, 9A at 440V
Minimum Circuit Size..... 20A at 220V, 15A at 440V
Plug Included..... No
Switch Type..... On/Off
Recommended Phase Converter..... G5845

Motors:

Main

Horsepower..... 3 HP
Phase..... 3-Phase
Amps..... 8A/5A
Speed..... 3450 RPM
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Hydraulic Pump

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 7A
Speed..... 1420 RPM
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Coolant Pump

Horsepower..... 1/8 HP
Phase..... 3-Phase
Amps..... 0.5A
Type..... TEFC Induction
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... N/A

Feed

Horsepower.....	1/8 HP
Phase.....	3-Phase
Amps.....	0.5A
Type.....	TEFC Induction
Bearings.....	Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type.....	N/A

Main Specifications:

Operation Info

Max. Distance 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 Diameter.....	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.....	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.....	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
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

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