

U. S. INDUSTRIAL MACHINERY, INC.

P.O. Box 2098 Memphis, TN 38101

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www.usindustrial.com

Dear Customer

Thank you for the opportunity to quote. We are pleased to offer the following equipment for your consideration:

NEW – U.S. Industrial Model USG618S-SD TOOLROOM SURFACE GRINDER as configured below:

Description: This is a light duty toolroom Surface Grinder with electric motorized reciprocation of table and adjustable, motorized, crossfeed. Downfeed increment is manually set by operator. This is a TWO AXIS automatic Surface Grinder.

Standard Equipment:

Grinding wheel	Wheel flange
Balancing base and arbor	Toolbox and tools
Over wheel dresser w/diamond	Coolant system
Manual one-shot lube	Sino Two-axis digital readout
Permanent Magnetic Chuck: 5.9" x 15.75"	

Model USG618S-SD.....	\$	13,990.00
Semi Fine Pole Permanent Chuck, 5.9" x 15.75".....	Included	
Wet coolant system.....	Included	
Sino two axes DRO installed.....	Included	
Electric motorized reciprocation of table.....	Included	
Electric motorized crossfeed.....	Included	
Overwheel (Parallel) diamond dresser.....	Included	
Manual one-shot lubrication.....	<u>Included</u>	

TOTAL PRICE.....F.O.B. Memphis, TN.... \$ 13,990.00

Voltage is 220 or 440 Volts, 3 phase, customer choice.

Options:

Extra general purpose factory grinding wheel.....	\$ 62.00
Extra wheel flange.....	\$ 120.00

MAIN SPECIFICATIONS

Parallelism & Flatness Accuracy:	<0.0008"
Max. Travel (Longitudinal x Cross):	18" x 7"
Max. Distance Spindle Center To Table:.....	13"
Max Grinding Wheel (ODxTxID):.....	200mm x 20mm x 31.75mm
(Supplied with one 7" x 1/2" grinding wheel)	
Grinding Wheel speed:.....	3360 rpm
Spindle Motor:.....	2HP
Machine weight.....	1,690 lbs (Gross Shipping)
Dimension, crated for shipping.....	40"W x 45"L x 70"T



Page 2 – USG618S-SD Surface Grinder



Detail showing permanent magnetic chuck, over wheel diamond dresser, 2-axis digital readout display, flood coolant nozzle



Detail of manual fine adjustment of downfeed with 0.0002" graduations

Detail showing electrical cabinet, with disconnect and fuse holders.



Detail showing electric motor table reciprocation and electric motor table crossfeed control selection.

Thank you for the opportunity to quote. We look forward to serving you.

Sincerely,

U. S. Industrial Machinery

October 2021