

## U. S. INDUSTRIAL MACHINERY

P.O. Box 2098 Memphis, TN 38101

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[www.usindustrial.com](http://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 USG1224-AHD TOOLROOM SURFACE GRINDER as configured below:

*Description: This is a medium duty toolroom Surface Grinder with hydraulic reciprocation of table and electric motor power incremental setting crossfeed and automatic downfeed increment is programmed on touchscreen. This is a THREE-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: 11.8" x 23.6"	

Model USG1224-AHD.....	\$	<b>33,990.00</b>
Semi Fine Pole Permanent Chuck, 11.8" x 23.6".....	Included	
Wet coolant system.....	Included	
Touch Screen color LCD with DRO for Cross/downfeed...	Included	
Hydraulic reciprocation of table.....	Included	
Electric motorized crossfeed.....	Included	
Power elevation to spindle.....	Included	
Overwheel (Parallel) diamond dresser.....	Included	

**TOTAL PRICE.....F.O.B. Memphis, TN.... \$ 33,990.00**

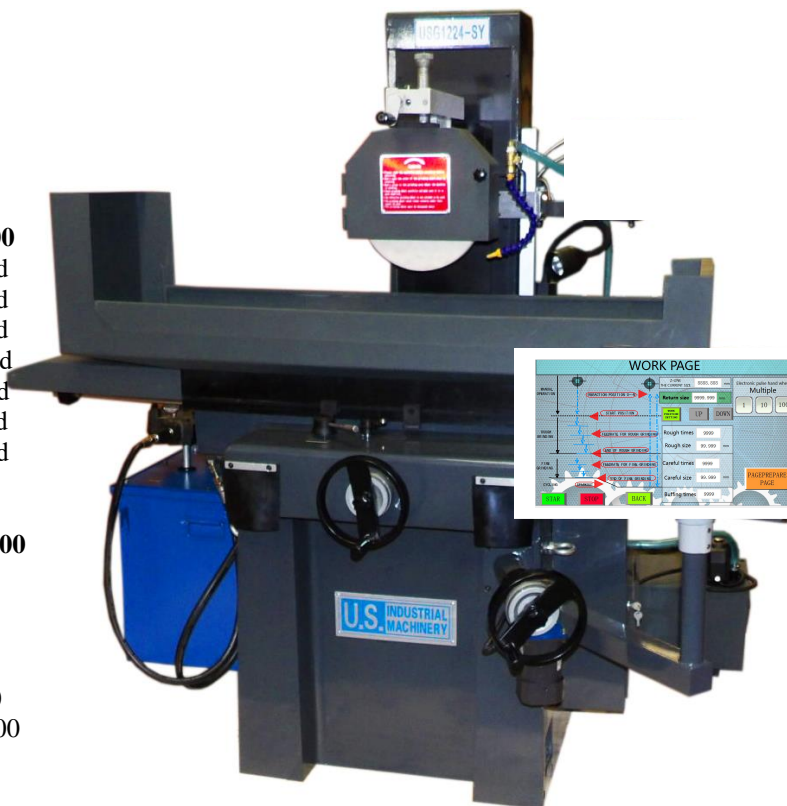
**Voltage is 220 or 440 Volts, 3 phase, customer choice.**

#### Options:

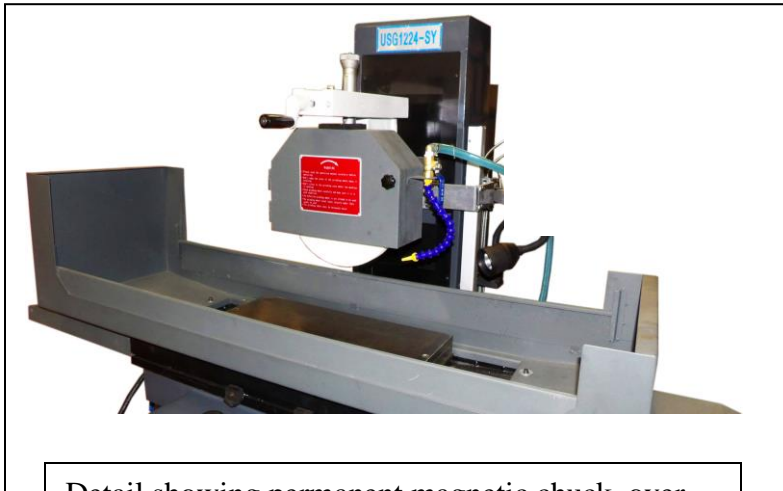
Extra general purpose factory grinding wheel.....	\$ 72.00
Extra wheel flange.....	\$ 120.00

#### MAIN SPECIFICATIONS

Parallelism & Flatness Accuracy: .....	<0.0008"
Max. Travel (Longitudinal x Cross): .....	24.8" x 12.6"
Max. Distance Spindle Center To Table:.....	20.5"
Max Grinding Wheel (ODxTxID):.....	300mm x 76.2mm x 30mm
(Supplied with one 12" x 1-1/4" grinding wheel)	
Grinding Wheel speed:.....	1680 rpm
Spindle Motor:.....	3 HP
Hyd. unit Motor.....	3 HP
Machine weight.....	3,400 lbs (Gross Shipping)
Dimension, crated for shipping.....	56"W x 72"L x 76"T



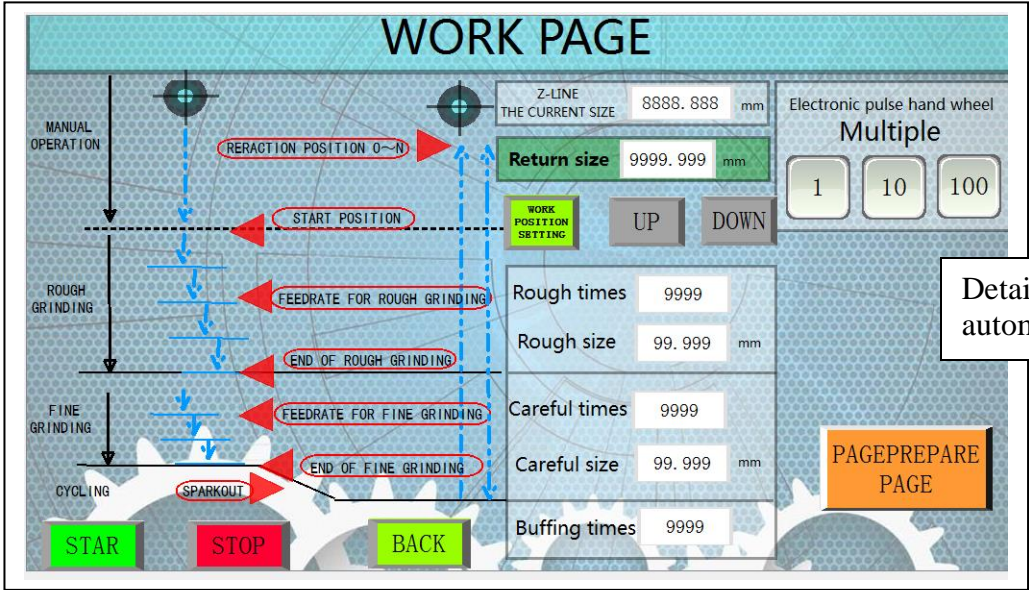
Page 2 – USG1224-AHD Surface Grinder



Detail showing permanent magnetic chuck, over wheel diamond dresser, flood coolant nozzle



Detail showing electrical cabinet, with disconnect and fuse holders.



Detail showing LCD touch panel with automatic down feed programming.

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

Sincerely,

U. S. Industrial Machinery

October 2021