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

NEW – U.S. Industrial Model USG1022-SY 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. 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: 9.8" x 19.7" | |

- | | |
|---|--------------|
| Model USG1022-SY..... | \$ 19,990.00 |
| Semi Fine Pole Permanent Chuck, 9.8" x 19.7"..... | Included |
| Wet coolant system..... | Included |
| Sino two axes DRO installed..... | Included |
| Hydraulic reciprocation of table..... | Included |
| Electric motorized crossfeed..... | Included |
| Overwheel (Parallel) diamond dresser..... | Included |

TOTAL PRICE.....F.O.B. Memphis, TN.... \$ 19,990.00

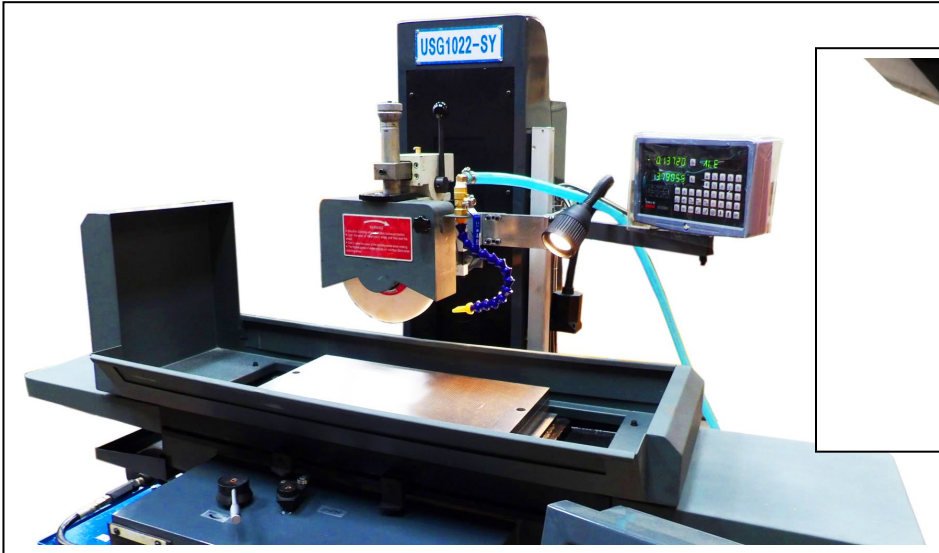
Voltage is 220 or 440 Volts, 3 phase, customer choice.



MAIN SPECIFICATIONS

- | | |
|--|----------------------------|
| Parallelism & Flatness Accuracy: | <0.0008" |
| Max. Travel (Longitudinal x Cross): | 22" x 10.2" |
| Max. Distance Spindle Center To Table:..... | 17.7" |
| Max Grinding Wheel (ODxTxID):..... | 200mm x 31.75mm x 20mm |
| (Supplied with one 7" x 1/2" grinding wheel) | |
| Grinding Wheel speed:..... | 3360 rpm |
| Spindle Motor:..... | 2HP |
| Hyd. unit Motor..... | 2HP |
| Machine weight..... | 2,300 lbs (Gross Shipping) |
| Dimension, crated for shipping..... | 48"W x 66.4"L x 73"T |

Page 2 – USG1022-SY 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 control panel with 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