

# Century Machinery Co., Inc.

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Ref. Number G8025-9930

## GALLMEYER & LIVINGSTON SURFACE GRINDER

Model 650, Reciprocating Table, Serial Number 650-127

### SPECIFICATIONS

#### THREE AXIS POWER FEED

CHUCK: Magna Lock Electro-Magnetic

Size, W x L x Ht ..... 12" x 48" x 4"

TABLE: (3) T-Slot

Working Surface: W x L ..... 14" x 48"

Longitudinal Travel (Hydraulic)..... 48"

Longitudinal Movement, Manually and Automatic

Transverse Travel (Cross) (Hydraulic) ..... 13¾"

Transverse Movement, Manually and Automatic

Table Speed, longitudinal..... Variable

GRINDING WHEEL HEAD:

Vertical Movement By Hand wheel & Power..... 19"

Maximum distance from wheel to table under 14" diameter standard wheel.... 18"

INCREMENTAL DOWNFEED

GRINDING WHEEL: \*Horizontal Spindle\*

Grinding Wheel, (diameter x face x hole)..... 14" x 1½" x 5"

MOTOR DRIVES: \*Machine Wired 230 volts, 3-phase\*

Spindle ..... 7½ H.P. 208 volts

Incremental Down Feed ..... 1/3 H.P. 208-220 volts

Hydraulic Pump..... 3 H.P. 208-220 volts

Coolant Pump ..... ¼ H.P. 208-220 volts

Automatic Stone Dresser ..... Slow-Syn Motor

CONTROLS:

Spindle Start/Stop Buttons. Table Start/Stop Buttons. Coolant Start/Stop Buttons.

Auto Start / Stop Buttons. Manual / Rise Fall Buttons. Vertical Feed Adjustment Dial.

Step Feed Variable Adjustment Dial. Step On / Off Feed Lever. Plunge/ Off / Surface Lever.

Left / Right or Front On Off Switches. Cross Feed & Table Feed Adjustment Knobs.

EQUIPPED WITH:

Incremental Down Feed. Automatic Plunge Grinding. Hydraulic Actuated Stone Dresser.

Chuck Neutrofier & Control. Automatic Lubrication. Coolant Pump & Tank.

Bijur Way Automatic Lubrication.

COMPLETE FACTORY SAFETY GUARDS

Dimensions 80" F-B x 204" L-R Approx. weight 11500 lbs.

- Air Compressor
- C.N.C. Machine Tools
- Fabricating Equipment
- Fluid Forming Press
- Industrial Machinery
- Machine Tools
- Profilers 3 and 5 Axis
- Routers: Pin, Radial & CNC
- Sheet Metal Machinery
- Woodworking Machinery

### Appraisal Service

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