

# INSTRUCTIONS

## For Setting Up and Operating 100 lb. Little Giant Power Hammer

Bolt hammer securely to solid foundation (see print on opposite side). Do not fail to place shim (or cushion) between base of hammer and foundation as shown.

Hammer should operate approximately 275 strokes (revolutions) per minute.

During the first few days of operating hammer, tighten die and die block keys frequently, less often as time passes, but be sure to keep keys tight at all times.

When hammer leaves factory, crosshead is set so that dies are approximately 2" apart when crank pin is at lowest center. This is approximately the correct adjustment for general work from nothing up to 3½" diameter or 4" wide flats when placed under hammer edgewise.

Tension on ram connections should be kept so tight that weight of ram just misses pulling horizontal toggle links (eye bolts) out of line downward. Adjust by means of adjusting screw through right hand toggle arm.

Take up wear on friction by setting out hardwood shoes, placing metal or hard fiber shim, of proper thickness, under them. Keep surface of hardwood blocks (contact surface of friction) well lubricated by means of hand oiler.

Keep all bolts and nuts tight.

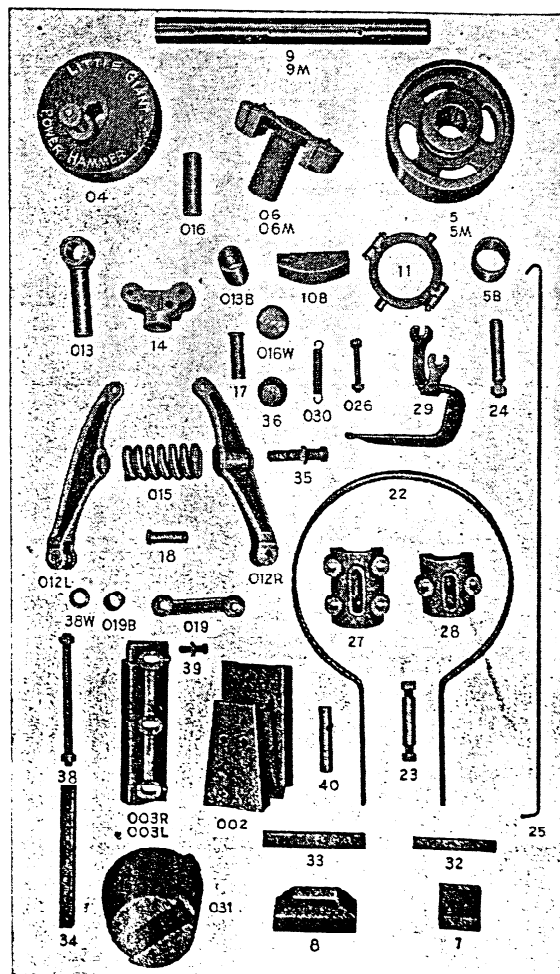
Keep all bearings well lubricated and properly adjusted.

### PARTS PRICE LIST

F. O. B. Mankato, Minn.

Subject to Change Without Notice

Part No.	Name of Part
P-001	Frame (not illustrated)
P-002	Ram or Head
P-003R	Ram Guide Right
P-003L	Ram Guide Left
P-04	Crank Plate and Pin
P-5	Friction Pulley (for belt drive)
P-5M	Friction Pulley (for motor drive)
P-5B	Friction Pulley Bushing
P-06	Friction Spider (for belt drive)
P-06M	Friction Spider (for motor drive)
P-7	Upper die
P-8	Lower die
P-9	Crank Shaft, belt drive
P-9M	Crank shaft, motor drive
P-10-B	Friction Block set, hard maple
P-11	Shifting collar
P-012-R	Toggle Arm, Right
P-012-L	Toggle Arm, Left
P-013	Steel Crank Box and Pitman
P-013-B	Bronze Crank Box Bearing Bushing
P-14	Cross Head
P-015	Tension Spring
P-016	Crank Pin
P-016W	Crank Pin Washer
P-17	Upper Toggle Arm Pin
P-18	Lower Toggle Arm Pin
P-019-B	Bronze Bushings for 019
P-22	Foot Tread
P-23	Tread Bolt
P-24	Shifting Fork Bolt
P-25	Tread Rod
P-026	Tread Spring Bolt
P-27	Box Cap Front
P-28	Box Cap Rear
P-29	Shifting Fork
P-030	Tread Spring
P-031	Die or Anvil Block
P-32	Key for upper die
P-33	Key for lower die
P-34	Key for die or anvil block
P-35	Tension adjusting screw
P-36	Tension adjusting washer
P-38	Ram Guide Bolts
P-38W	Ram Guide Washer
P-39	Ram Guide Adjusting screw and nut
P-40	Ram Pin



## IMPORTANT

Order repairs by name and number of part.

In ordering dies state whether round or flat face.

State size and serial number of your hammer (yours is 100 lb.)

Hammer No. .... as is shown on name plate on side of hammer.

We make special dies on order.

Send us sample of the work and we will quote.

## LITTLE GIANT, INC.

Mankato, Minnesota