

INSTRUCTIONS

FOR SETTING UP AND OPERATING A 250 LB. LITTLE GIANT HAMMER

Bolt hammer securely to a solid foundation. We recommend foundation in accordance with plans accompanying these instructions.

Operate at a maximum speed of 190 strokes (revolutions) per minute in either direction.

When hammer leaves factory crosshead is set so that dies are approximately $2\frac{1}{2}$ " apart when crank pin is at lowest center. This is approximately the correct adjustment for general work from nothing up to 5" diameter or 6" wide flats when placed under hammer edgewise.

Tension on ram toggle should be kept so tight when weight of ram pulls toggle links (eye bolts) slightly out of line downward. Adjust occasionally by means of adjusting screw through right hand toggle arm.

Take up wear on friction by setting out friction shoes (hardwood blocks) and shim under them to required thickness.

Keep all bolts and nuts tight.

Keep all bearings as well as contact surface of friction cone well lubricated.

Have the dies always tight in their slots and see that they come together squarely.

Keep bearings properly adjusted.

The main shaft bearings are lubricated by means of hand oilers. Wells are provided for this purpose and these wells are to be filled with cotton or similar substances are to be saturated with oil.

The friction pulley bearing and crank pin bearing are lubricated by grease guns, by means of alimite or similar fitting provided. Contact surface of friction is to be oiled by hand oiler frequently and copiously when the hammer is first put in operation, later as the wood blocks become saturated lubricating is necessary only occasionally.

Ram Guide Bearings are lubricated by means of capillary attraction oil cups provided therefore. Arm pins and ram pins are to be lubricated by means of hand oiler, and where hammer is subject to extreme heat it should be done frequently.