

*Manual*  
**STAR** SELF **FEEDER**  
ACTUATING

**LINOTYPE PARTS** *Company, inc.*  
Manufacturers of TYPESETTING MACHINE PARTS and EQUIPMENT  
SOUTH HACKENSACK N.J. Precision TRADE-MARK Parts

MANUAL

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The  
STAR  
SELF-ACTUATING  
FEEDER

Installation  
Maintenance  
Parts List

LINOTYPE PARTS  
COMPANY, INC.

South Hackensack, New Jersey

INSTALLATION

on

LINETYPE or INTERTYPE MACHINE

Adjacent photographs show how the pipes are assembled and attached to the machine.

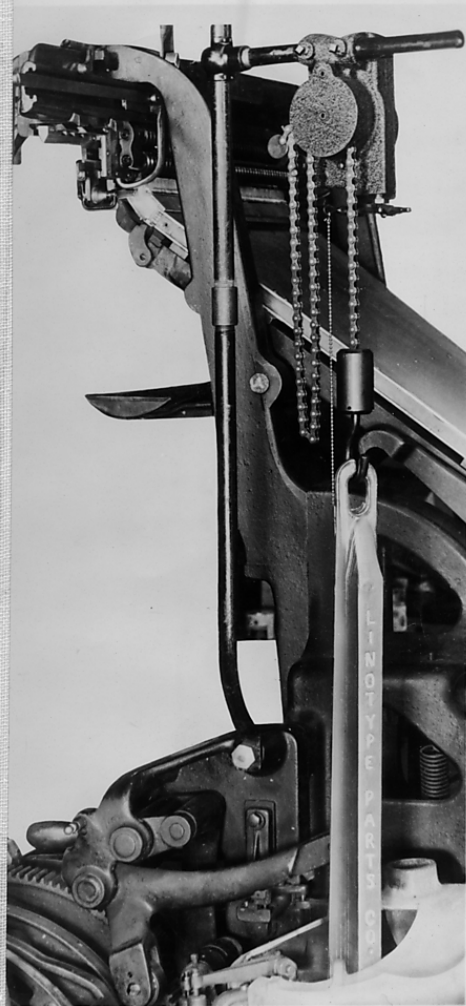
Rest float on surface of metal. Pull chain taut and slip a ball into the notch of the chain coupling. After the level has been definitely established and Feeder is in satisfactory operation, the excess chain may be cut off.

The float rod may swing into any position desired, but the nut above it must be tightened securely for proper operation of the Feeder.

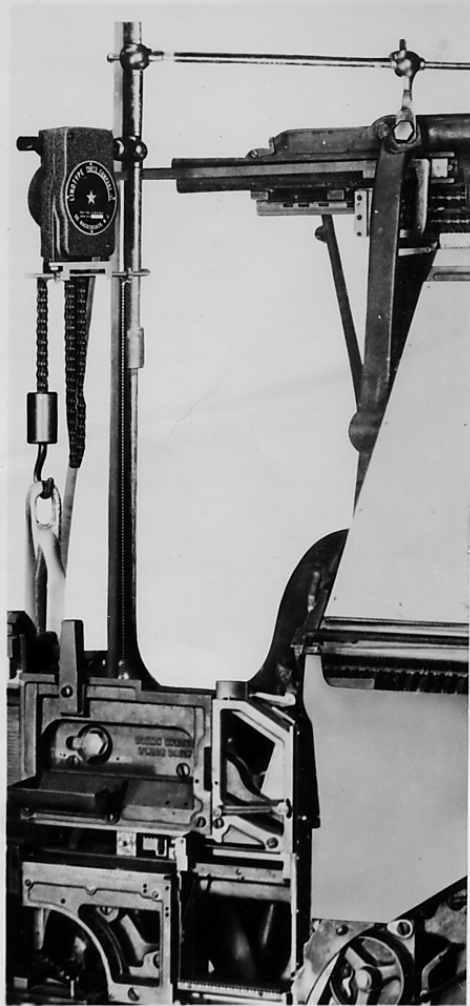
Adjust the stop in the chain so that the pig hook cannot enter the metal.

Be sure all bolts and screws are tightened.





SIDE VIEW



FRONT VIEW



INSTALLATION

on

LUDLOW MACHINES

The bracket provided is attached to the back of the machine. All machines have the appropriate holes for the bolts at the right side.

The feeder head should be positioned so as to permit the pig to feed into the metal at the point of its greatest depth, away from heating elements.

Adjust float as described in instructions for Linotype and Intertype, Page 1, beginning with second paragraph.

ELROD MACHINES

Remove the oiler. In place of spacers, insert the two brackets which come with the Feeder. The lower bracket is the one with the stop.

Float adjustment is the same as for Linotype and Intertype. (See Page 1.)

INSTALLATION

on

MONOTYPE MACHINES

The Giant Caster and the material making machines now have a lug cast on the swing frame, into the hole of which the pipe is slipped.

The composing machine and Type and Rule Caster have holes in the swing frame for the bracket provided with the feeder.

For older Composition and Material Making Machines, another bracket is supplied on request, which is attached to any suitable place on the swing table.

See Page 1 for instructions with regard to float adjustment.

M A I N T E N A N C E

LUBRICATION - Experience in the individual plant will be the guide for length of time between lubrications. On the average, we would suggest a check every two or three months.

Remove the cover and put two or three drops of light oil in the hollow shafts; on the shaft which goes through the oscillating brake drum; and the brake shoe rest. The shaft which holds this rest comes through the back of the housing. It can also be oiled from that point.

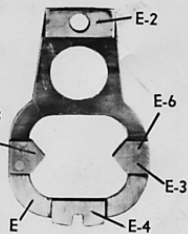
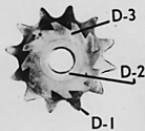
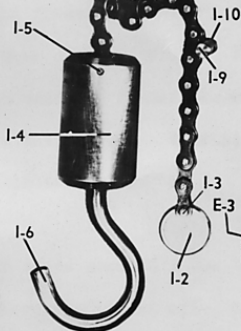
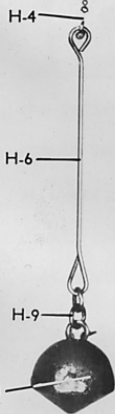
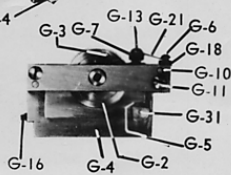
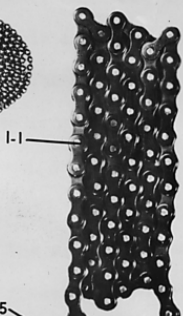
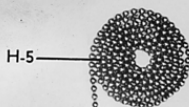
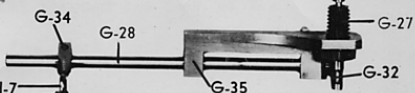
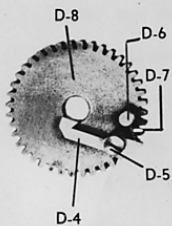
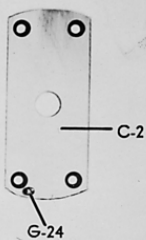
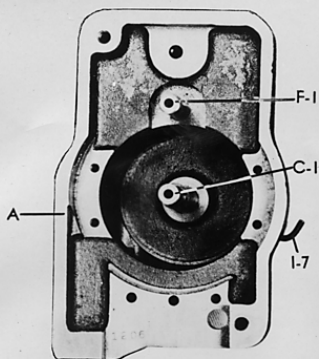
CLEANING - Again, depending on local conditions for the time interval, it is good practice to clean the mechanism occasionally. The gears may be removed, but before doing so, be sure to remove any pig remaining on the hook, and to hold the hook so it cannot drop into the molten metal.

ADJUSTMENT - The only adjustment which may be required of the internal feeder mechanism is in the brake. This, however, should be done at the factory. This adjustment would only be required when the feeder brake no longer holds. We will gladly make this adjustment gratis for you, should any be needed within ten years.

NOTE

Should it be necessary for the feeder to be returned to the factory for adjustment - write, explaining the nature of the troubles you are having, and send the feeder head only, transportation prepaid.





PARTS DETAIL

M-4-A	Housing
" A-2	Clamping Screws
" B-2	Cover Holding Screws
" B-3	Linotype Parts Name Plate
" B-5	Name Plate Rivet
" C-1	Star Shaft
" C-2	Star Shaft Bridge
" C-3	Star Shaft Bridge Screws
" C-4	9-Tooth Star
" C-5	12-Tooth Spur Gear
" D-1	12-Tooth Sprocket
" D-2	Bushing for D1 and D3
" D-3	12-Tooth Ratchet
" D-4	Ratchet Pawl
" D-5	Shoulder Screw for Pawl
" D-6	Spring Stud
" D-7	Spring -
" D-8	40-Tooth Spur Gear
" E	Pendulum
" E-2	Bearing
" E-3	Star Escapement Tooth
" E-4	Actuated Pawl
" E-5	Shoulder Screw
" E-6	R. H. Rivets
" F-1	Gear Shaft
" F-2 and 3	12-Tooth and 40-Tooth Spur Gear (one unit)

PARTS DETAIL

M-4-G-2	Actuated Member
" G-3	Pendulum Pawl Actuating Pin
" G-4	Locking Brake Shoe
" G-5	Brake Shoe Adjusting Pin
" G-6	Brake Shoe Adjusting Screw
" G-7	Brake Shoe Adjusting Lock Nut
" G-10	Dowel Pin for Bridge
" G-11	Bridge Clamping
" G-13	Spring Screw
" G-16	Lock Actuating Cam
" G-18	Special Washer for G-21
" G-20	Locking Unit Fastening Screw
" G-21	Flat Spring
" G-24	Spring Suspension Stud
" G-25	Spring
" G-26	Releasing Plunger
" G-27	Plunger Guide and Locking Nut
" G-28	Extension Rod
" G-31	Cam Actuating Lever
" G-32	Clamping Cam for Operating Plunger
" G-34	Bead Chain Clamp
" G-35	Rod Holding Bearings
" H-4	Coupling
" H-5	Beaded Chain
" H-6	Float and Chain Coupling Rod
" H-7	Float Eye Hook



M-4-H-8	Float
" H-9	Coupling Rings
" I-1	Roller Chain
" I-2	Roller Chain End Stop
" I-3	Riveting Pin
" I-4	Chain Pig Weight
" I-5	Chain Fastening Pin
" I-6	Pig Hook
" I-7	Chain Suspension Hook
" I-9	Chain Stop Adjuster
" I-10	Chain Stop Adjuster Screw