

LINOTYPE AUTO-EJECTOR

This device automatically selects the correct ejector blades for each mold in the disk. To set the ejector, proceed as follows:

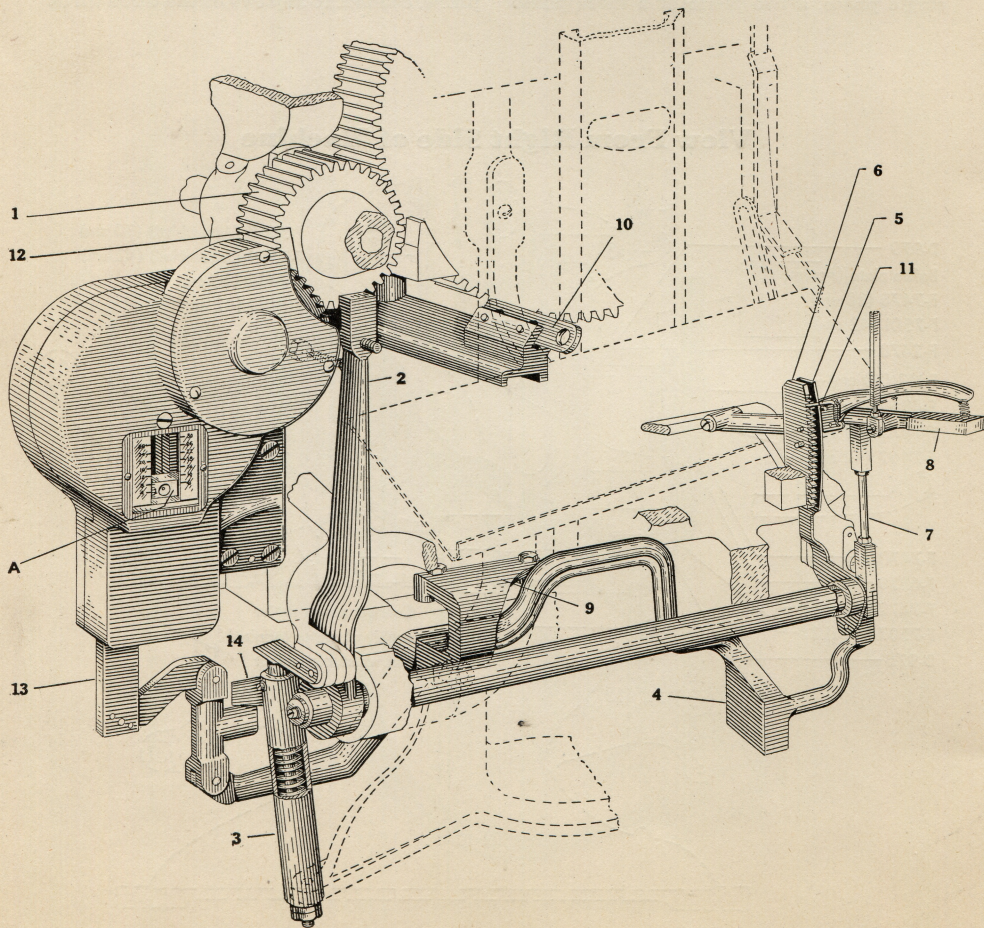
Turn No. 1 mold to normal position. (Indicating line on face of mold disk should register with No. 1 position on mold disk shield.) Indicating block A will appear in operating position in the small opening. This block should be *marked No. 1*. If the No. 1 block is not in position, turn gear 12 by hand until No. 1 block does appear. There is a detent to hold gear 12 in position. Press inward on block A and move it up or down to the required setting to agree with length of slug to be ejected from No. 1

mold. Then release pressure on block so that it will be located at the predetermined setting.

Turn pinion 1 and revolve mold disk to bring No. 2 mold in normal position. Set indicator block to correspond to mold opening in No. 2 position. Proceed similarly to set the blocks for No. 3 and No. 4 molds.

On six-mold disk machines, there are six indicating blocks, numbered from one to six. The setting of the indicating block is made the same way as for four-mold disk machines.

The operation of the Linotype Auto-Ejector is as follows:



Whenever the mold disk pinion is pulled forward by hand to bring a mold to operating position, the lever 2 forces the latch 11 through cam plate 5, away from the teeth of the segment 6. The spring in piston tube 3, being under compression, then forces the slide 13 downward. This results in the ejector blade controller lever 8 moving upward so that the latch 11 reaches the four em notch or highest position. In this position the upper end of slide 13 is low enough to clear all of the indicator blocks as they are revolved by the mold turning pinion.

After the line is sent in, the ejector latch 11 stays at the four em position until the justification lever rises. The pressure is then relieved at point 14, and the slide 13 rises until the upper end contacts the indicating block A. The ejector blade controller lever

8 moves downward, until the latch 11 locates in the proper portion of the segment 6. The levers will stay in this position until the mold disk pinion is pulled forward by hand to bring another mold to operating position.

If the mold disk is pulled out, the guide 10 should be in the upper position. This prevents getting the mold disk out of time with the Linotype auto-ejector. If it becomes necessary to revolve the disk after it is pulled out, the guide 10 can be pushed down. Care must be exercised if this is done, to see that the mold disk is put back in correct time with the auto-ejector.

The lever 4 pivots on a stud attached to supporting bracket 9. This stud should be lubricated occasionally to permit the lever to move freely.