

MOLD CAM LEVER

The adjustment of the mold cam lever is made after first removing the first elevator back jaw and setting left-hand vise jaw measure to about 4 ems. It is essential that the first elevator slide and front jaw be in the machine when making this adjustment.

Run machine to the point where the metal pot recedes from the first pot lockup. Then with the driving motor turned off, slowly turn machine forward by hand until the second mold cam shoe high portion 83, is in contact with the mold cam lever roll 91. This position is just before the pot rocks forward for the second lockup, at which point there should be a space of about $3/32$ " between the mouthpiece and the mold. Test for this clearance by rocking the pot forward by hand or with a lever, to make certain that the pot mouthpiece is not against the mold; such condition could only exist if there were an improper adjustment of the back lock nuts on the pot lever eyebolt.

Then forcibly push the mold disk back so that roll 91 is in hard contact with the second mold cam shoe 83, and measure the clearance between the face of the mold and the back of the vise jaws. By having the measure set for about 4 ems, this gives a large area for using a thickness feeler gauge between the molds and the jaws. This should be not less than $.003$ " and not more than $.005$ ".

Adjustment is made with screw 100, at the back of the machine. Turning the screw clockwise will decrease the clearance, and turning it counterclockwise will increase the clearance. After making each adjustment, push the mold disk back again to insure the roll 91 being in contact with the cam shoe 83 before taking a measurement. Lock the screw 100 with the nut 101. Make sure that the screw 100 does not turn while locking the nut. After tightening the nut 101 recheck the clearance between mold and vise jaws.

