

FRANK F. PERSHKE LTD.
LONDON - W.C. 2

ASSEMBLY INSTRUCTION S
AC - PRINTING MACHINE

A. ADJUSTMENT OF THE STROKE OF THE COFFIN

The Main Drive Shaft is assembled with all its parts i. e. Feeder I Lift Cam, Leader Cam and Follower Cam, and it is properly set to allow for permissible backlash between Main Gear Wheel and Pinion and to be square to the tracks of the Bed.

The two main bearings are pinned.

The gear drive has run on test and has been passed.

The complete Coffin drive (Connecting Rad, Toggle etc.) is assembled and has been run in.

Then bring the Cylinder Fork into the machine and set the Eccentric Bolt E 11 133 that the top sliding face of the C. Fork bears properly on the corresponding face of the bed.

Now continue with the following operations:

1) Alignment of the Cylinder Fork:

Target: The Cylinder Fork should slide easily between the two Main Cams square to the Main Drive Shaft and parallel to the machined face of the bed.

Operations: Measure the distance between the machined face of the bed (outside) and the face of the top part of the Cylinder Fork.

Set the Follower Cam on the shaft to obtain the above dimension between the face of the bed and the inside face of the Follower onto which the Cyl. Fork bears. Fix the Follower on the shaft.

Bring the Cyl. Fork in touch with the Follower and set the Leader Cam accordingly on to the other side of the fork. Now the Cyl. Fork should slide easily without jamming between the two Cams.

The position of the Follower on the shaft may have to be slightly rectified in case of a distortion of the Cyl. Fork.

If the position of the C. Fork is satisfactory measure the remaining distance between the boss of the Follower and the Main Bearing Bracket with the feeler and write that dimension down. This dimension helps to find that position again.

For the following operations the Follower Cam should be kept tight on the shaft to control the position of the Cyl. Fork. The Leader Cam is loose on the shaft.