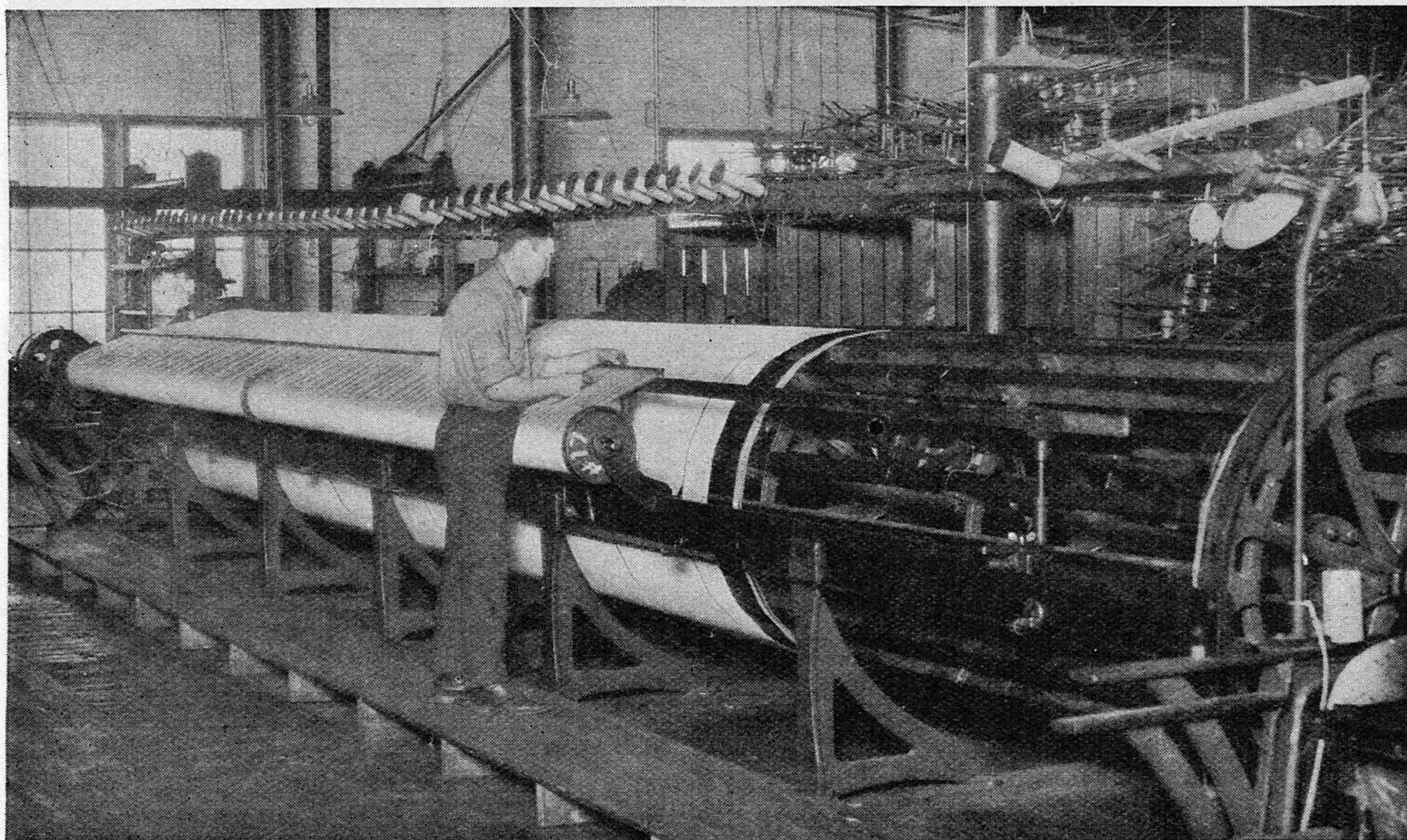
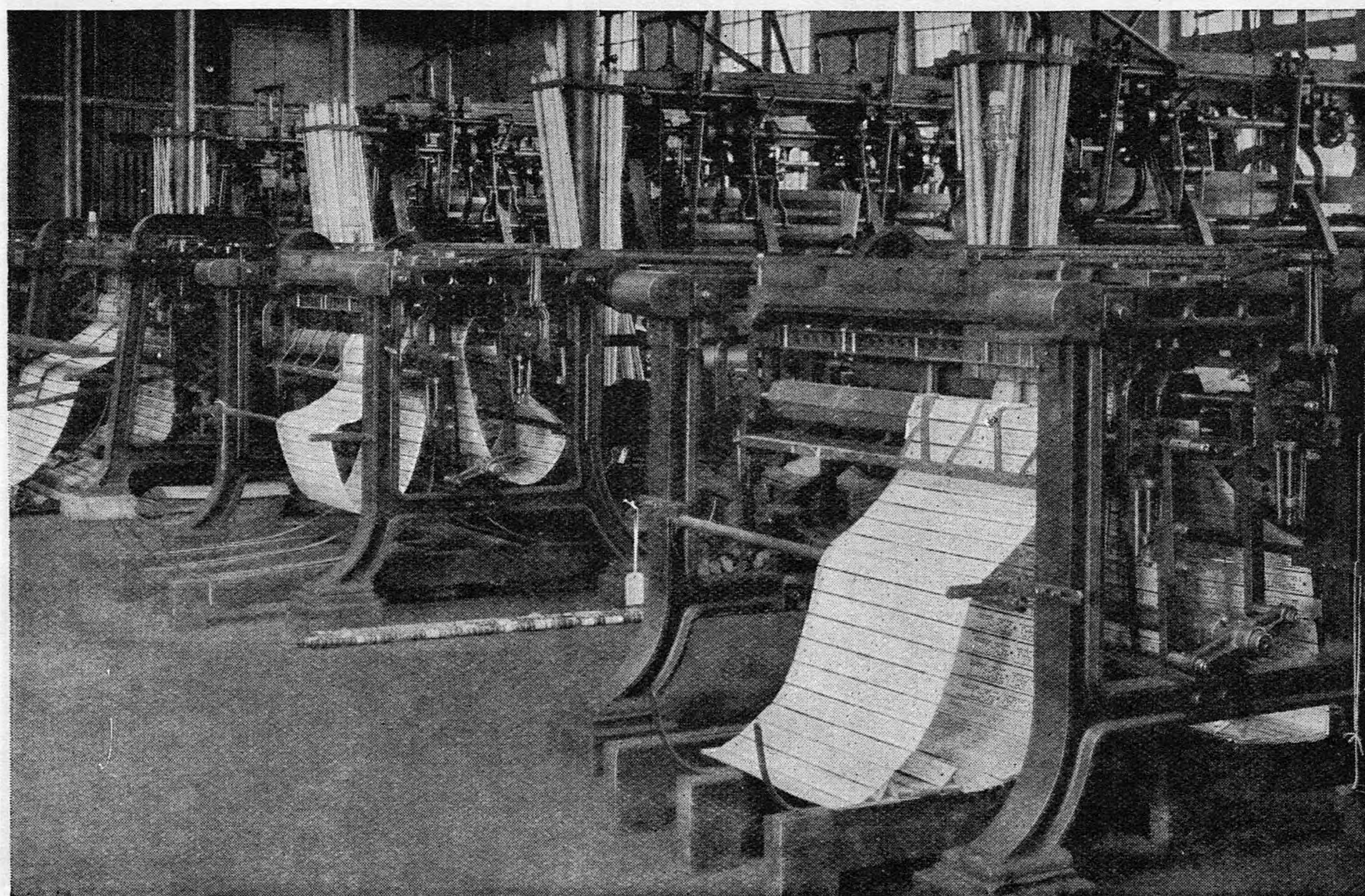


PREPARING THE HUGE MACHINE FOR ITS DELICATE WORK



Before the huge lace machine can be set in operation, the warp of upright threads must be fastened to a beam as shown. The cross threads are inserted by hand in the machine, according to the plans furnished by the draughtsmen, and each must be carefully fastened in exactly the right spot, in order that it may enter into the pattern properly. Owing to the care with which all this must be done and the great number of threads employed—approximately 8,000 threads must be put in place by hand—the work is slow and difficult.



The chains of white strips are the cardboard "controls," punched and in place ready to regulate the play of needles within the machine. This control is exercised through steel "droppers" which penetrate the holes as they pass by, and which are connected through a complicated mechanism with the needles. There are 32,000 droppers at work in these machines.

contained in the Easy Reference Fact-Index at the end of this work.