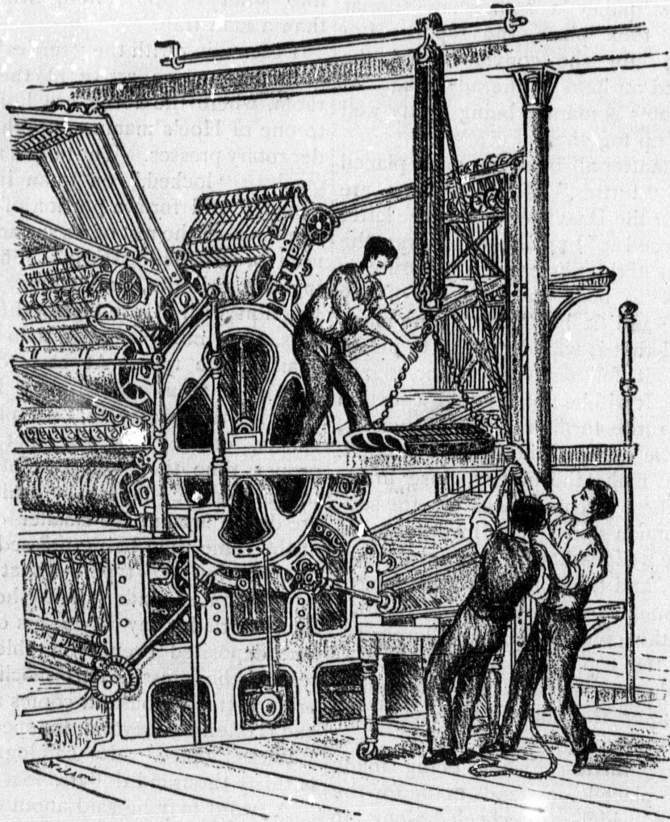


presses, but in those which do the very finest work. The first great step towards increased speed was made when the paper was pressed against the type by a cylinder or drum. This is the character of most newspaper presses, and of a good number in the

rotary presses in the picture of the press-room, one of which, the four-cylinder, has just been removed to make way for presses adapted to finer magazine work. There is still in the rotary press the necessity of feeding by hand. A number of machines have



HOISTING "TURTLE" ON THE PRESS.

WITNESS press-room. In these presses the types still travel backwards and forwards on a flat bed, which has to stop and reverse its motion twice for every impression. The next step in advance was that which placed the types also on a cylinder, so that there might be for them only one continuous motion round and round in one direction. This is illustrated by the large

been invented to feed themselves from a roll of paper, thus introducing another rotary motion, and to "deliver" the paper by still another rotary process. None of these presses, so far, have come to such perfection as to print from type as well and as fast as the great rotary press now used by the WITNESS, but they are constantly improving in construction. Such presses