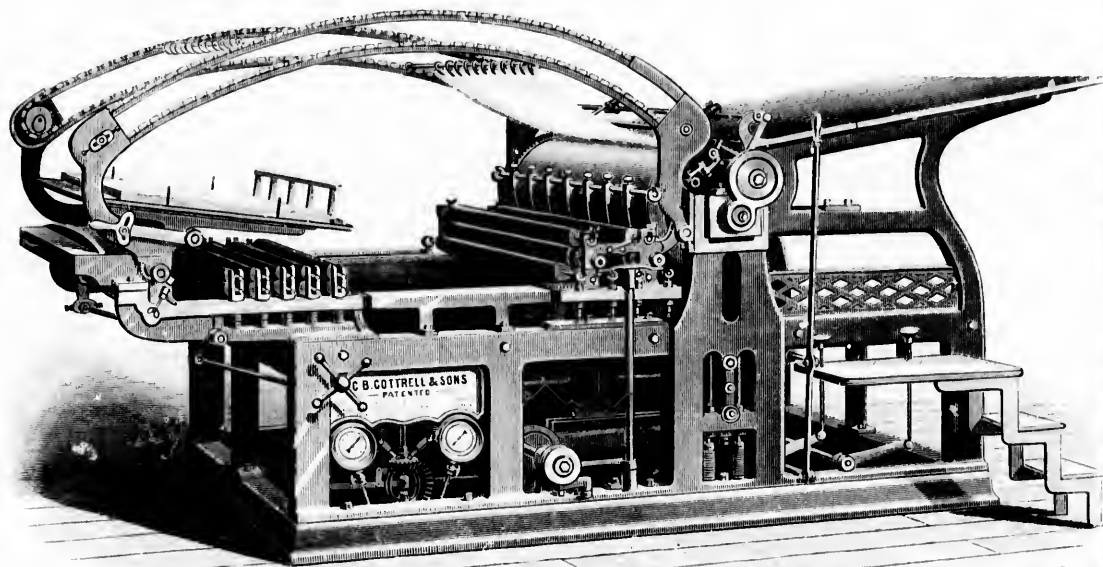


C. B. COTTRELL & SONS . NEW SERIES .

WITH . TWO-REVOLUTION PRESS

Front Delivery.



THE above engraving represents our new series of TWO-REVOLUTION PRESSES. This machine has been entirely reconstructed and strengthened throughout, and many of the mechanical arrangements greatly simplified. The reconstruction has been rendered desirable because of our many improvements that have been placed in the best possible positions for convenience in working, and at the same time present an artistic design as a whole.

THE frame is plain and simple in design, cast smooth inside and out, without flanges, and of sufficient weight to sustain the working parts without vibration. The bed runs in four tracks, upon hardened steel rollers, each track is supported underneath the impression by standards from the girt, which is cast in the solid bed-plate. The heaviest impressions in cut-forms can be worked without possibility of springing in the tracks or bed, saving time in making ready. The gearine is accurately cut, insuring perfect register.

IN addition to our Patent Air Springs, Governor Attachment, Hinged Roller Frames, and other improvements so familiar to the trade, we have lately introduced our PATENT FRONT DELIVERY, which dispenses with the fly and all tapes, taking the printed sheet from the cylinder by grippers, conveying it rapidly through the air, and depositing it on the pile table face side up over the fountain, without smut or offset. The sheet is under the eye of the pressman, who can regulate the color and watch its effect, without moving from his position by the fountain. The sheets being floated through the air and deposited on the pile table by their own weight, sufficient air remains under them to dry the ink, rendering slip sheets unnecessary.

THE whole delivery is placed high enough above the bed to admit of the convenient handling of the forms and rollers from either side of the press. The forms can be placed and handled from the rear of the press. The feed board is so constructed and so hinged that it can be lifted entirely away from the cylinder, giving the pressman free access to the whole printing surface, lengthwise and circular, for making ready.

THE Press has a Power Backing-up Motion and Trip, enabling the operator to throw off the impression at will, and to roll the form any number of times. We build this machine with the Fly and Wheel Delivery at the rear of press in place of the Front Delivery when desired.

The above Press was awarded a Gold Medal at the World's Industrial Exposition at New Orleans.