

THE SIMPLEX ONE-MAN TYPE-SETTER.

IT is naturally very gratifying to THE INLAND PRINTER to be informed that The Unitype Company are receiving inquiries from all over the world in response to their advertising of the Simplex One-Man Typesetter in these pages. This shows a widespread interest in the subject, and that the market is ready for a really simple, effective machine for setting type, such as is the Simplex.

We present herewith a few illustrations, which will give some idea of the Simplex machine and its important features. It is not a "new" machine, in the sense that it is a crude combination of new and untried mechanical devices. It is rather an evolution, as it combines the best features of other machines, which have been acquired by The Unitype Company, with vital improvements suggested by the experience of men who have spent many years in developing typesetting machinery. The Unitype Company recognized the fact that a multitude of newspapers and periodicals in this country required a cheaper method of producing composition than by hand, also the further fact that the only way to meet perfectly this requirement was by means of a machine which could be operated by one man, and which would not cost an amount which placed it beyond reach. The Simplex is the successful result of their effort to meet this demand.

Two vertically channeled cylinders, one above and rotating on the other, a type loader and a keyboard constitute its main mechanisms. Into the upper cylinder is automatically placed the dead matter for distribution. The type rapidly and accurately find their respective channels in the lower cylinder, from whence they are ejected and assembled into live matter by the manipulation of the keyboard. One man alone is required

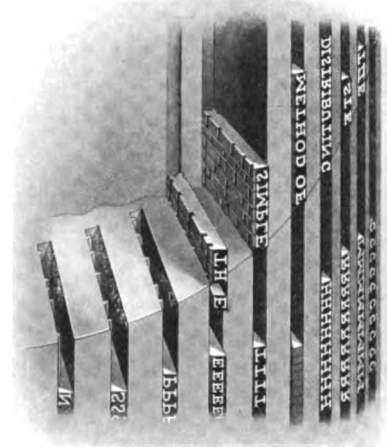


THE SIMPLEX TYPESETTER.



WHERE THE SIMPLEX TYPESETTER IS MADE.

for the operation, and an output of 3,000 to 3,500 ems an hour can easily be maintained; however, a valuable and unique feature of this machine enables its output to be nearly doubled at any time by the employment of a second person. This feature will be found invaluable during a "rush," although its use was not contemplated, but is the fortunate result of the method adopted. The machine requires a floor space of but five feet square, weighs only 800



THE SIMPLEX METHOD OF DISTRIBUTION.

pounds, requires less than one-fourth horse-power, can be run by motor attached to electric light wire, sets matter solid or leaded, and can be run on live matter during the entire working hours, as corrections are made from the case. The price is \$1,500.

In fact, so completely are the requirements of the newspaper and periodical publisher anticipated, that it is hard to conceive in what manner improvements could be made that would be of any benefit. The machine solves the question of cheap composition where foundry type is used, and will be a valuable acquisition in many of our printing offices.

Among the many papers successfully using the Simplex machine are the following: *Courier*, Chatham, N. Y.; *Herald*, Manchester, Conn.; *Courier*, Great Barrington,

Mass.; *Times*, Watertown, N. Y.; *Globe*, Hartford, Conn.; Vicksburg Newspaper Union, Vicksburg, Miss.; *Iron Ore*, Ishpeming, Mich.; *Reporter*, Marshall, Minn.; *News and Times*, Dowagiac, Mich.; *Journal*, Pontiac, Mich.

The Unitype Company have a large factory at Manchester, Connecticut, devoted solely to the production of their machines. Their business offices are at 150 Nassau street, New York, and 188 Monroe street, Chicago.

BUSINESS NOTICES.

This department is designed exclusively for business announcements of advertisers and for descriptions of articles, machinery and products recently introduced for the use of printers and the printing trades. Statements published herein do not necessarily voice the opinion of this journal.

"WETTER" numbering machines, with six wheels—listed at \$28—are still being sacrificed at \$15 by the Bates Machine Company, 346 Broadway, New York.

THE trade are cautioned not to accept the derogatory statements regarding "New Model M" typographic numbering machines, which are made with a deliberate intention of deceiving and misleading. The reputation and success of this machine is too firmly established to be materially affected, and such contemptible business methods of an alleged competitor can only be received with suspicion. It is today the only successful "plungerless" type-high numbering machine, and represents the highest attainment in numbering machine construction. The cutting of ink rollers or the use of friskets is entirely unnecessary, therefore the labor of "make-ready"—especially for a form of checks of five or six to a page, with stubs—is reduced to a minimum, and an important saving effected. There are other exclusive and valuable features, and the makers—The Bates Machine Company, 346 Broadway, New York—ask only an opportunity to prove the soundness of every claim that is made. Those in the market will consult their best interests by writing to them.

CROMOLINE.

The F. Wesel Manufacturing Company, of New York, have lately put upon the market a new type and roller wash known as Cromoline. It is nonexplosive, and it is said to go much farther than benzine, and do equally as good work. A number of New York's leading printers are using it.

SOMETHING NEW IN FOLDER ATTACHMENTS.

In their advertisement, the Dexter Folder Company illustrate their marginal jobbing point-feed folder, which shows their new revolving, adjustable packing box. The special advantage of this box is that it does away with the old-style turning frame (or shoo-fly) commonly used on all single book folders, and some makes of quadruples for delivering four-fold work into the packing box.

HOE PRESSES ABROAD.

There are now in operation in Scotland, in over twenty different offices, newspaper perfecting presses made by R. Hoe & Co., embracing many of their latest improved machines. Among these are the *Herald*, *Citizen*, *Times*, *Echo* and *Record*, of Glasgow; the *Advertiser*, *News and Courier*, and *People's Journal*, of Dundee; the *Journal*, *Express*, *Free Press*, and *Gazette*, of Aberdeen; the *Scotsman*, Edinburgh; and the *Advertiser*, Hamilton. Many of these machines were made at the works of R. Hoe & Co., in New York, and most of the offices have several presses each. The Glasgow *Herald* and the Dundee *Advertiser* have just put in the latest Hoe quadruples. In Great Britain the cele-

brated Hoe newspaper presses are used in over one hundred and fifty offices. The Hoe machines were the first to invade Scotland, and as a Scotsman knows a good thing when he sees it, he will be satisfied with nothing else.

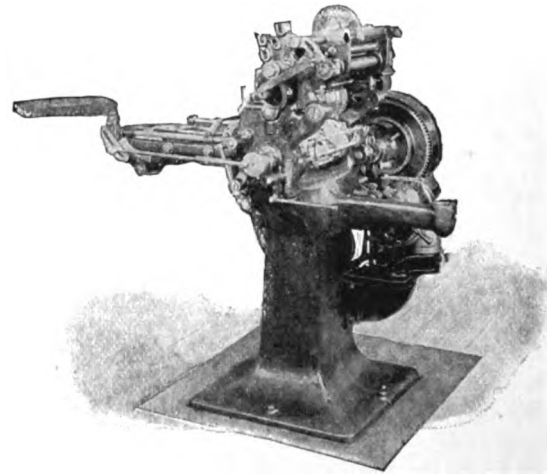
MOROCCOLINE.

Bookbinders throughout the country have met such success in the use of moroccoline, the celebrated substitute for leather, that the makers of these goods have been obliged to run their factory to its utmost capacity in order to fill orders promptly. Moroccoline has always had the lead for upholstering purposes, and bookbinders have not been slow in introducing it into their line of business, as it is stainproof and waterproof, will not crack or scratch, can be had in any grain or color, and costs about one-third the price of leather. Those not already using these goods should send to the Boston Artificial Leather Company, Boston, Massachusetts, for samples and prices.

AS AN ENVELOPE MACHINE.

The March number of the *American Electrician* contains a very interesting illustrated article on "Electricity in Printing, Binding and Engraving." A number of cuts of electrically driven printing machines in the printing office of the New York Life Insurance Company, where motors direct-connected to printing presses were probably first used, are shown. Among these is one—a Harris Automatic press—which, doubtless to the irritation of the manufacturers, is spoken of as "An Envelope Printing Machine" only. The *Electrician* says:

An interesting example of the application of electric motors to printing presses is shown in Fig. 16. This little machine is intended for printing envelopes, which it can turn out at the rate of 10,000 an hour. It is a double cylinder press, the platen consisting of one cylinder while the electrotype is bent smooth about the other. The two run together and



the envelopes are fed automatically between them. The speed is limited only by the number of impressions which it is possible to take from the plate in a given time. No difficulty is found in feeding the envelopes or receiving them. A large circular receiver is pivoted on an arm which projects from the back of the press, as shown in the figure. This receiver was removed to show the motor, which is one-half horse-power capacity and runs at a speed of 1,200 revolutions per minute.

A NEW INCORPORATION.

Loring Coes & Co., Worcester, Massachusetts, have incorporated under the laws of Massachusetts. The firm name has not been changed except to add "Inc." to it. The management remains the same, with the exception that the office force is increased by Charles Rose, Jr., late of the special product department of the American Steel & Wire Company, Worcester Branch. The officers are: president and treasurer, Loring Coes; vice-president, Frank L. Coes; general superintendent, Fred Searle; clerk, Charles Rose, Jr. This