

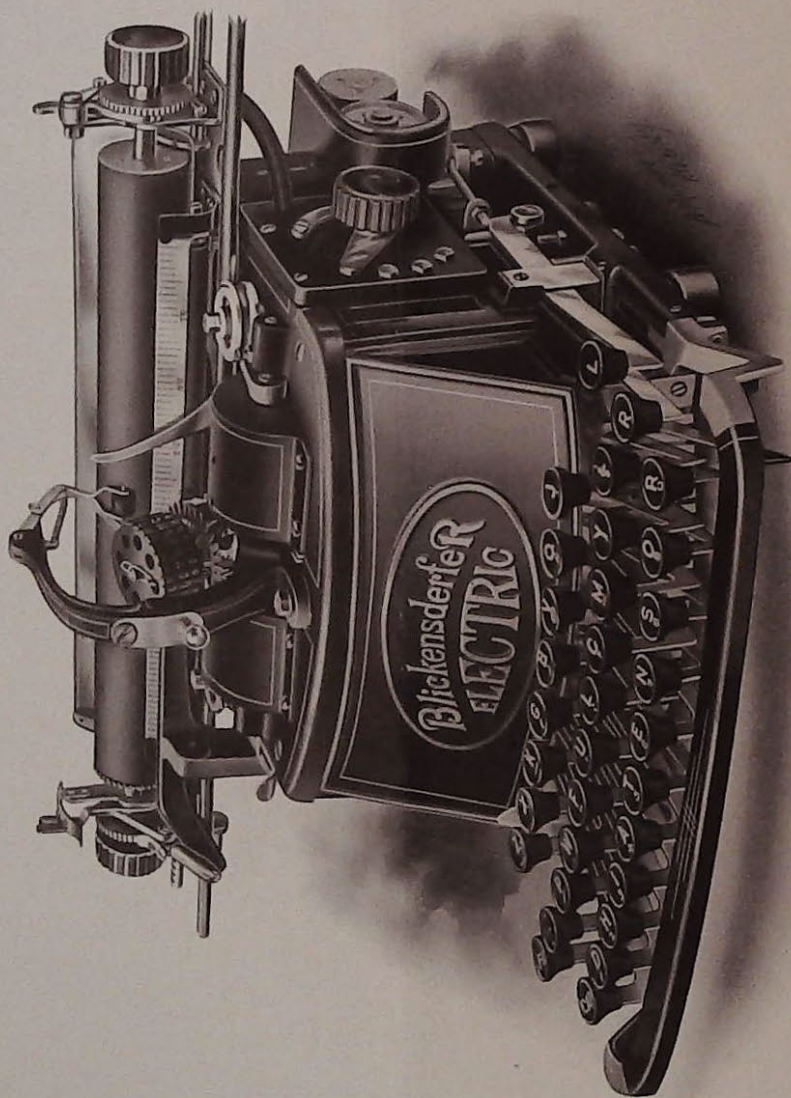
ELECTRIC
Typewriter
BICKENSDEFFER

THE BLICKENS DERFER MFG. Co.,

Executive Office and Factory,

STAMFORD, CONN., U. S. A.

CABLE ADDRESS,
"BLICK STAMFORD."



The Blickensderfer Electrical Typewriter.



THE use of the term Automatic in this machine is not exaggeration. By substituting electric power for the physical force of the operator, every motion required of a typewriter is obtained by means of the electric current, the operator merely indicating the motion required by touching a key.

If by the use of an applied power the ordinary typewriter could be operated by depressing the keys one-eighth of an inch, requiring only the lightest possible touch of the finger to produce the most powerful manifolding stroke of the type, such a machine would mark the greatest advancement in the development of typewriting and would be a blessing to many hundred thousand operators by stopping the drain of nervous and physical force exacted by the best of old-style machines. The Blickensderfer Electric is not only all of this, but has advanced much further, and established a **NEW STANDARD** of efficiency accomplishing results never before attained in connection with typewriting machines. In every detail it does its work without calling on the operator for any physical exertion. It is truly an Automatic Typewriter.

Among its special features are :

- Automatic Printing.
- Automatic Key Release.
- Automatic Line Spacing.
- Automatic Control of Carriage.
- Automatic Tabulating.
- Automatic Lock Mechanism at End of Line.
- Automatic increase of Power for Manifoldng.
- Absolutely Uniform Impression.
- Rapid Ruling and Underscoring.
- Unlimited Speed.
- Free Carriage.
- Perfect Ease and Convenience in Operating.
- Interchangeable Carriage Rolls, Any Length.
- Great Strength and Durability.
- Scientific or Universal Key-Board, as Desired.

Saves Great Time and Labor

It has **VISIBLE WRITING** in plain sight all the time.

INTERCHANGEABLE TYPE. Type can be changed in an instant.

DIRECT INKING. No ribbons and no blurred impressions.

PERMANENT ALIGNMENT. Alignment is absolute and cannot change.

GRADUATED LINE SPACE. Giving five different line spacings.

ADJUSTABLE MARGIN. For any width margin desired.

ADJUSTABLE ALARM AND RIGHT MARGIN LOCK. Set instantly at any point of the carriage.

INTERCHANGEABLE INK ROLLS. The color and quality of ink can be changed in an instant.

Automatic Printing

On other machines the operator must supply the power that makes the impression. On the Blickensderfer Electric the mere weight of the finger on the key makes the full depression of about one-eighth of an inch. At this point the electric power takes control of the mechanism, carries the type to the paper and back again in an instant.

Automatic Key Release

This device enables the operator to touch (or strike) one key before the preceding one has been released (and is what we call the Piano action), adding great speed and ease to the operator.

Automatic Line Spacing

On other machines the operator, on reaching the end of a line, must seize the carriage, make the space between lines and draw the carriage to the right against the tension of a heavy spring. On the Blickensderfer when a line is finished the operator simply touches a key. The carriage returns into position for the next line automatically, the same movement providing the space between lines.

Automatic Control of Carriage

The carriage is under perfect control of the operator, from the

key-board, and can be moved in either direction by simply depressing a key. The operator's hands need never leave the key-board, except to place the paper in the machine.

Automatic Tabulating *A Special Attachment*

Column stops are adjusted at any desired points on the carriage, and the tabulating is then done entirely from the key-board. The operator has but to depress a key and the carriage moves to the proper position for units, tens, hundreds, etc., according to the key depressed. The action is positive and the attachment so simple that any one can operate it. This attachment enables the operator to tabulate the most complicated statements with absolute accuracy, without once removing the hands from the key-board, consulting a scale or even looking at the work.

Automatic Ruling and Underscoring *A Special Attachment*

Other typewriters underscore words or lines, or fill in blanks by printing successive hyphens, requiring from fifty to seventy strokes to fill a line. The Blickensderfer Electrical has a ruling device which, by a **single rapid movement**, rules a line the entire width or length of the paper, or less, on the line or under the line of printing, vertically, horizontally or diagonally.

Automatic Increase of Power for Manifolding

On other machines it is necessary to adjust the carriage for a number of copies in order to preserve the alignment, and the oper-

ator must strike the keys with greatly increased force to obtain good copies. On the Blickensderfer the alignment is permanent and perfect for any number of copies, and the operator uses the same light touch as for one copy only.

The importance of this feature can only be truly appreciated by those operators who have to continually make from three to five or more copies of their work. The forcible blow required on each key is vastly more tiring than that used for a single copy. Operators will appreciate the advantage of obtaining any number of copies with less than one-quarter of the physical exertion heretofore required to produce a single print on any of the so-called standard machines.

Uniform Impression

The best operators on the older style machines cannot produce uniform impressions owing to the impossibility of striking every key with the same force. Since on the Blickensderfer every blow of the type is automatic, and with exactly the same force, both original and manifold copies are absolutely uniform. The importance of this feature should not be underestimated.

On the original copy, and in ordinary correspondence, this effect is increased by the Blickensderfer system of **direct inking**. There is no ribbon between the type and the paper to blur the impression, but every type is inked directly from a roller, on the same principle as the printing press.

Unlimited Speed

The speed with which the mechanism can work is practically without limit, in fact, far beyond the power of any operator to acquire. The speed of any operator will naturally be very largely increased by the wonderful ease of operation and the very slight movement required to produce any desired result.

Interchangeable Carriage Rolls

Carriage rolls of different lengths, to accommodate papers of extra width, can be used interchangeably in any machine. The change can be made in a moment, adapting the machine for any width of paper from note size to special forms 24 inches wide.

Strength and Durability

Since the mechanism is moved by power and not by the operator, it has not been necessary to sacrifice strength for lightness in any of the parts. The fact that the parts are moved by the electrical force, regularly and smoothly applied, and are not subjected to a great variety of shocks from the irregular movements of the operator, reduces the question of wear and strain to a fixed quantity, easily ascertained and provided for in the construction. This combination has resulted in a typewriter not only stronger than any other, but one that is far more durable.

Scientific or Universal Key-Board

The Blickensderfer Electrical is furnished with either the

Scientific or Universal key-boards. Owing to the fact that all the mechanism is power-driven and entirely independent of the touch or stroke of the operator it works equally as rapidly and well with the Universal, Scientific, or any key-board.

Capability

Owing to the mechanical construction all operative parts being electrically power-driven, any operator, either fast or slow, can accomplish in a given time, far more work and with less than one-quarter the physical labor required on any other standard machine.

Free Carriage

The carriage is always free to be moved in either direction without releasing any locks or catches.

Labor

After thorough and exhaustive trials, covering a period of over two years, we have demonstrated beyond any question of doubt, that an operator will write on the Blickensderfer Electrical all day and not be as tired when night comes as to operate one of the ordinary standard typewriters two hours.

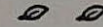
The Touch Method

In all Schools of Typewriting the Touch Method has been recognized as marking a distinct advance in the art of typewriting. The attention of the operator can be concentrated on the note

book, while the hands, trained to work independent of the eyes, manipulate the keys on a scientific and well-defined system. To reach its highest development this system involves the use of all the fingers of both hands, which on the ordinary typewriter is almost impossible, but on the Blickensderfer Electrical the mere weight of the little finger is sufficient to make the impression; and, moreover, the hands being always over the key-board, and the operator not obliged to release a key before the next is struck. The operation is continuous. *This method, which is little more than an ideal theory when applied to the ordinary typewriter, becomes a practical and perfect system on the Blickensderfer Electrical.*

SELLING AGENTS

Blickensderfer Typewriting Machines.



| | | |
|------------------------------|-----------------------|---|
| THE BLICKENSDERFER MFG. CO., | Chicago, Ill., | Fisher Building, |
| | | Dearborn St. |
| " | " | " " Cincinnati, Ohio, 127 West 4th St. |
| " | " | " " Cleveland, Ohio, 51 The Arcade. |
| " | " | " " Detroit, Mich., 93 Griswold St. |
| " | " | " " Indianapolis, Ind., 136 E. Market St. |
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| " | " | " " Pittsburg, Pa., 210 Smithfield St. |
| " | " | " " St. Louis, Mo., 210 North 9th St. |
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| " | " | " " Seattle, Wash., 207 Madison St. |
| " | " | " " Portland, Ore., 264 Stark St. |
| " | " | " " Los Angeles, Cal., 404 So. B'way. |
| COLORADO TYPEWRITER EX. CO., | Denver, Colo., | 1710 Champa St. |
| GOULD, S. G. | Kansas City, Mo., | 1004½ Walnut St. |
| HARGER & BISH, | Dubuque, Iowa. | |
| HAYWOOD & CO., H. C. | Meriden, Conn., | 20 West Main St. |
| HIBBARD & CO., H. E. | Boston, Mass., | 608 Washington St. |
| MOORE BROS., | Washington, D.C., | 1307 F St., N.W. |
| " | Baltimore, Md., | 222 E. Baltimore St. |
| PAYNE, T. H. | Chattanooga, Tenn. | |
| RUSSELL, W. T. | Dallas, Texas, | 285 Main St. |
| RITCH, W. E. | Greenwich, Conn. | |
| SMITH, A. D. | Rochester, N.Y., | 703 Granite Bldg. |
| STRINGAM BROS. & CO., | Salt Lake City, Utah. | |
| SNYDER, W. H. | Columbus, Ohio, | 109½ N. High St. |
| TURNER, K. M. | Atlanta, Ga., | 102 N. Pryor St. |

And offices in the principal cities of all foreign countries.

