

Emily Keene Barnum

HOME OFFICE AND FACTORY, SYRACUSE, NEW YORK, U.S.A.

— THE —
SMITH PREMIER
TYPEWRITER CO.



BRANCH OFFICES

NEW YORK, N. Y., No. 338 Broadway.
CHICAGO, ILL., No. 263-265 Wabash Ave.
PHILADELPHIA, PA., No. 23 South 8th St.
ST. LOUIS, MO., No. 821 Pine St.
BOSTON, MASS., No. 183 Devonshire St.
BALTIMORE, MD., 113 St. Paul St.
CLEVELAND, O., No. 158 Prospect St.
BUFFALO, N. Y., No. 158 Pearl St.
CINCINNATI, O., No. 412 Walnut St.
PITTSBURG, PA., No. 300 Wood St.
DETROIT, MICH., No. 174 Griswold St.
MILWAUKEE, WIS., No. 416 Broadway.
WASHINGTON, D. C., 519 11th St. N. W.
NEWARK, N. J., No. 22 Academy St.
LOUISVILLE, KY., No. 246 5th St.
MINNEAPOLIS, MINN., No. 325 Hennepin Ave.
PROVIDENCE, R. I., No. 86 Weybosset St.
INDIANAPOLIS, IND., No. 116 Monument Place.
KANSAS CITY, MO., No. 113 West 9th St.
ST. PAUL, MINN., No. 136 East 6th St.
ROCHESTER, N. Y., No. 36 Exchange St.
DENVER, COL., No. 1637 Champa St.
TOLEDO, O., No. 315 Huron St.
COLUMBUS, O., No. 505 The Wyandotte.
WORCESTER, MASS., No. 339 Main St.
NEW HAVEN, CONN., No. 25 Center St.
ST. JOSEPH, MO., No. 619 Edmund St.
OMAHA, NEB., 17th and Farnam Sts.
SCRANTON, PA., No. 1 Arcade.
ALBANY, N. Y., No. 53 Malden Lane.
GRAND RAPIDS, MICH., Cor. Pearl and Monroe Sts.
DAYTON, O., No. 4 N. Jefferson St.
RICHMOND, VA., No. 803 South Main St.
HARTFORD, CONN., No. 82 Pearl St.

DES MOINES, IA., No. 205 6th St.
SPRINGFIELD, MASS., Besse Bldg.
EVANSVILLE, IND., No. 219 First St.
PEORIA, ILL., No. 111 N. Jefferson St.
SALT LAKE CITY, No. 78 W. Second South St.
DULUTH, MINN., No. 105 W. Superior St.
ERIE, PA., No. 910 Marks Bldg.
HARRISBURG, PA., No. 7 S. 4th St.
FORT WAYNE, IND.
LINCOLN, NEB., No. 129 N. 9th St.
WHEELING, W. VA.
YORK, PA., No. 216 Market St.
LITTLE ROCK, ARK., No. 104 Louisiana St.
DAVENPORT, IOWA.
SPRINGFIELD, ILL., No. 208½ S. 6th St.
WILLIAMSPORT, PA., No. 244 W. 4th St.
FARGO, N. D., No. 114 Broadway.
BANGOR, ME., No. 12 State St.
LONDON, ENG., No. 14 Gracechurch St.
BIRMINGHAM ENG., No. 20 Martineau St.
BRISTOL, ENG., No. 51 Baldwin St.
MANCHESTER, ENG., No. 3 Exchange St.
CARDIFF, ENG.
NEWCASTLE, ENG.
LEEDS, ENG.
GLASGOW, SCOTLAND.
DUBLIN, IRELAND.
PARIS, FRANCE, No. 9 Boulevard des Italiens.
MARSEILLES, FRANCE.
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LIEGE, BELGIUM.
ANTWERP, BELGIUM.
BERLIN, GERMANY, Leipziger Strasse 23.



FOREWORD

The Smith Premier Typewriter requires no introduction to typewriter users, actual or prospective, anywhere in the world today.

It has now been among them for more than a dozen years, has been abundantly tried and tested, and has invariably come out of all trials with a better reputation than it carried into them. In whatever company, when typewriting machines are discussed, it is the first, or at least one of the first, thought of. Consequently any formal presentation of the Smith Premier Typewriter were an idle task.

It remains, therefore, only to call the reader's attention in a general way to the fact that the high ideal toward which The Smith Premier Typewriter Company has always striven has not been lowered, but is being constantly advanced; that "Improvement" is even more "the order of the age" today than it was when the motto of the Company was first adopted; that in addition to its earlier motto this Company has formulated another which reads: "No satisfaction short of perfection," a lofty ideal, in pursuit of which all improvements upon the Smith Premier Typewriter are designed, and by which the finished product must be judged.

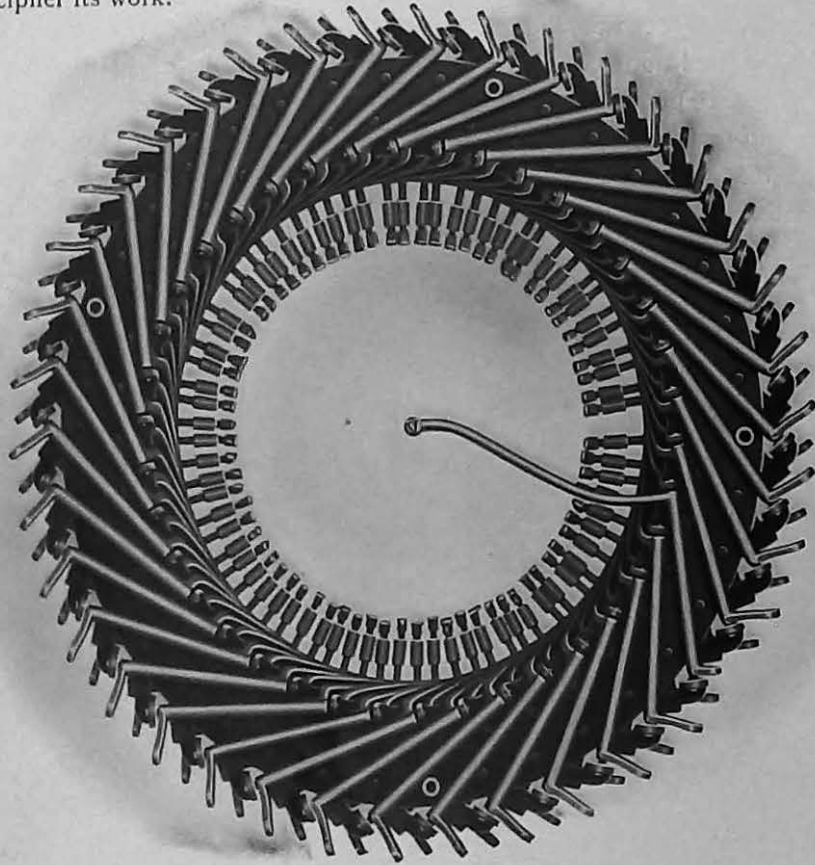
*A Lofty
Ideal*

Working in harmony with this newer motto, The Smith Premier Typewriter Company continues to offer to the public writing machines which embody the latest actual improvements. It "holds fast to that which is good," discarding it only for what shall prove itself better.

As a result the Smith Premier Typewriter as it comes from the factory today is, as it always has been, an honestly built typewriter, made of the very best materials to be had for the purposes required; a simply built typewriter, in the belief that both beauty and strength are thus best attained; a most highly improved typewriter in all the requirements of actual use; and thus naturally a typewriting machine which, according to the verdict of legions of users, has few equals and none to surpass it.

THE PRINTING MECHANISM

The printing mechanism of the typewriter is the foundation on which its success or its failure depends. Any machine, however perfect the remainder of its parts may be, or how carefully it is manufactured, or how finely it is finished, if defective so far as its printing mechanism is concerned, will be a source of annoyance to its owner or user and to those who are compelled to decipher its work.



This cut represents the Type-Bar Ring, used only on the Smith Premier. It is indestructible, is constructed entirely of the best steel, and hardened on all wearing points. The most successful printing mechanism for typewriters consists of a series of type-bars arranged in a circle, with type attached to their free ends, and so pivoted that they will all strike at a common printing point. Such arrangement has the merit of simplicity, ease of operation, and rapidity.

It requires a very long bearing to produce and preserve permanently perfect alignment. This would be a very simple matter were it not for the fact that friction must be almost entirely eliminated, and many devices have been made that worked fairly well under favorable conditions, but failed when slightly gummed by oil, or clogged by dust or corrosion or any other cause.

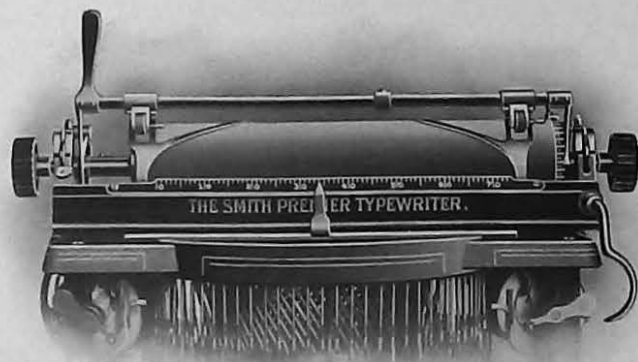
*Permanent
Alignment
Assured*

A series of type-bars mounted upon pivots meets the requirements of an easy-running and rapid mechanism; and the shorter the type-bars and the greater the distance between their bearings, the more accurately they will strike after becoming worn.

The printing mechanism of the Smith Premier Typewriter, while consisting of a series of type-bars distributed in a circle, and pivoted to strike at a common printing point, as shown in the illustration, is otherwise entirely different from anything heretofore used, and a careful examination must convince any one of its superiority. The type-bars are mounted on hardened steel conical bearings, $1\frac{1}{8}$ inches apart as compared with $\frac{1}{4}$ to $\frac{3}{8}$ of an inch in other machines, making $4\frac{1}{8}$ times wider bearings than its nearest competitor, while its type-bar is the shortest ever used on a double-case machine. Each type-bar hanger is secured between an upper and a lower steel ring with two perfectly-fitting rivets, which is an absolute guaranty that it will always remain solid. This construction is the final step taken by us to make this vital point in the writing machine indestructible. With the short bar of the Smith Premier machine, with its bearings so far apart, and with this solid support, its alignment should not be materially affected by years of steady use.

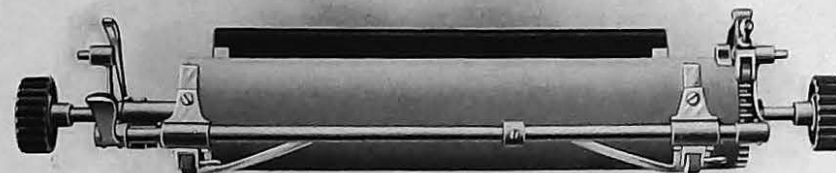


SINGLE SCALE AND PAPER-FEEDING MECHANISM



The well-known single scale and rocking paper-feeding mechanism, original with the Smith Premier Typewriter, is too familiar to need specific description. Suffice it to say, that this device is unapproachable in simplicity and ease of operation, and errors can be more easily corrected than upon any other typewriter. A great advance has been made in paper-feeding mechanism in our new models, and in this respect the Smith Premier maintains its reputation of leading all competitors. We have dispensed with the center paper guide, substituting therefor the oblique side fingers, leaving the front of the platen roll entirely unobstructed, and obviating the necessity of a movable guide or the directing of the paper to its proper position by the hand of the operator. These guides are adjustable, and will automatically feed any width of paper, cards, envelopes, etc.

PLATEN AND ATTACHMENTS

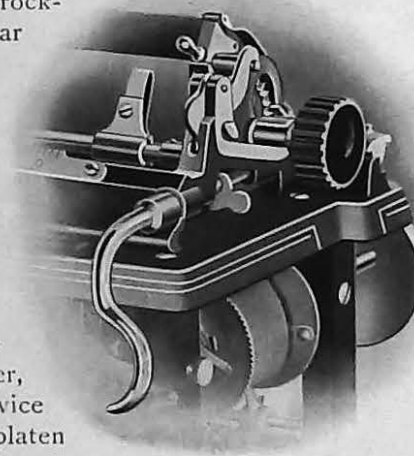


THIS CUT SHOWS THE PLATEN WITH ITS ATTACHMENTS, REMOVED FROM THE MACHINE

In offices where both manifolding and correspondence are produced on the same machine, the use of our machine complete, with hard and soft platen, is recommended—as one platen can be removed and another substituted instantly, which makes it the best machine for manifolding and correspondence yet produced. A line $7\frac{1}{4}$ inches in length can be written on the No. 2 or No. 4 Smith Premier; a line 12 inches in length can be written on the No. 3; a line $9\frac{1}{2}$ inches in length on the No. 5, and a line 16 inches in length on the No. 6.

LINE-SPACING MECHANISM

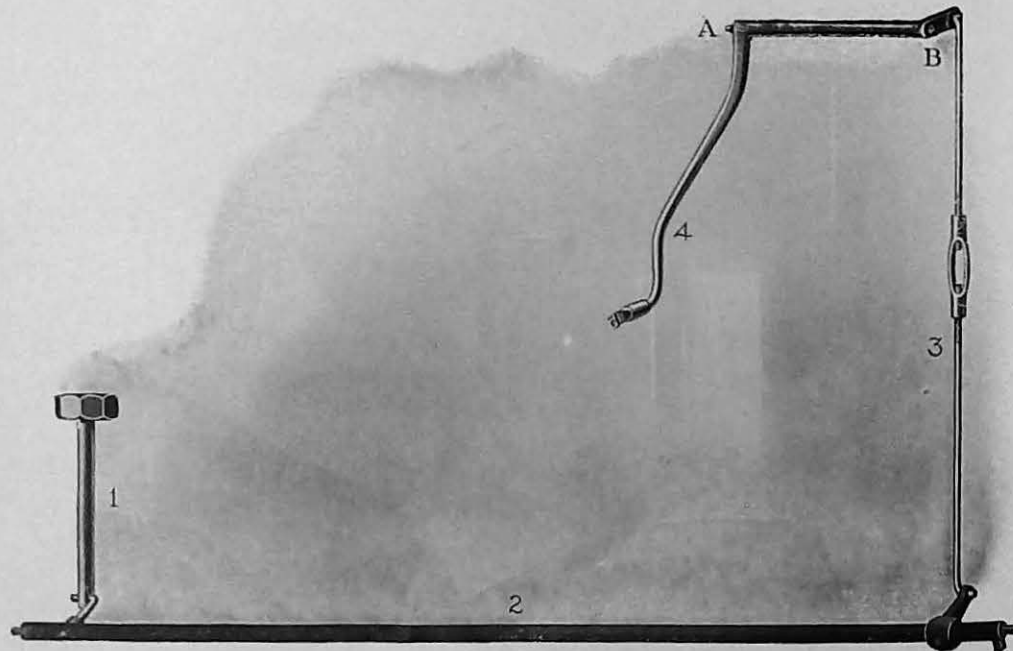
The line-space mechanism is different from others, and more convenient. The lever for returning the carriage projects forward and downward, and is attached to a rock-shaft which runs backward through the carriage frame. At the rear end of the rock-shaft is a pawl, which engages with the annular ratchet-wheel on the end of the platen. When drawing the carriage back by the lever to commence a new line, the platen is automatically turned the desired space with a single motion of the hand. The lever may also be conveniently manipulated for line-spacing without moving the carriage. The line-space regulator is conveniently located at the right of the carriage, and may be instantly adjusted for narrow, medium, or wide spacing. When it is desired to use ruled paper, application of the platen drag, a simple device shown in the cut at the right end of the platen roll, adapts the machine to writing on lines any distance apart.



THIS CUT SHOWS THE LEVER FOR RETURNING THE CARRIAGE AND THE LINE-SPACING MECHANISM

THE ROCKING-SHAFT MECHANISM

1. Key with Stem.
 2. Rock-Shaft.
 3. Connecting Rod.
 4. Type-Bar.
- A and B, Conical Bearings, $1\frac{5}{8}$ in. apart.



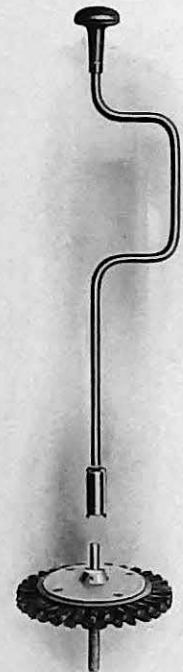
The mechanism for transmitting the power from the key to the type-bar has been used by us during the past twelve years, and has proven its superiority over all other devices. It is the most scientific method for transmitting power, and, being constructed entirely of steel, is the most durable arrangement possible.

AUTOMATIC TYPE CLEANER

We wish to call special attention to the cleaning device used only on the Smith Premier Typewriter. This feature is a radical departure in the type-writing art, and it will be found to be the greatest labor-saving invention that has been applied to typewriters since their introduction. The cleaning of the type of a type-bar machine is the most laborious and disagreeable work pertaining to its use, consequently they are used many times without cleaning, to the detriment of clean-cut work. With this mechanism it is the work of but a few seconds to clean the entire set of type perfectly. The work may be left in the machine, and by drawing the platen forward and introducing the crank, as illustrated herewith, all the type may be brushed simultaneously by turning the crank a few turns in both directions, with no soiling of the hands, or any of the annoyances that follow the old process of benzine and toothbrush application. The type-bars of our machine in their normal position form a circle, with the type facing inward. Just below is located the type brush, fitted with a threaded shaft, which, upon being turned with a detachable crank, as shown in the illustration, is brought in contact with the type, and brushes the entire set. When the brush is in its normal position, it is below and entirely out of the path of the type-bars.

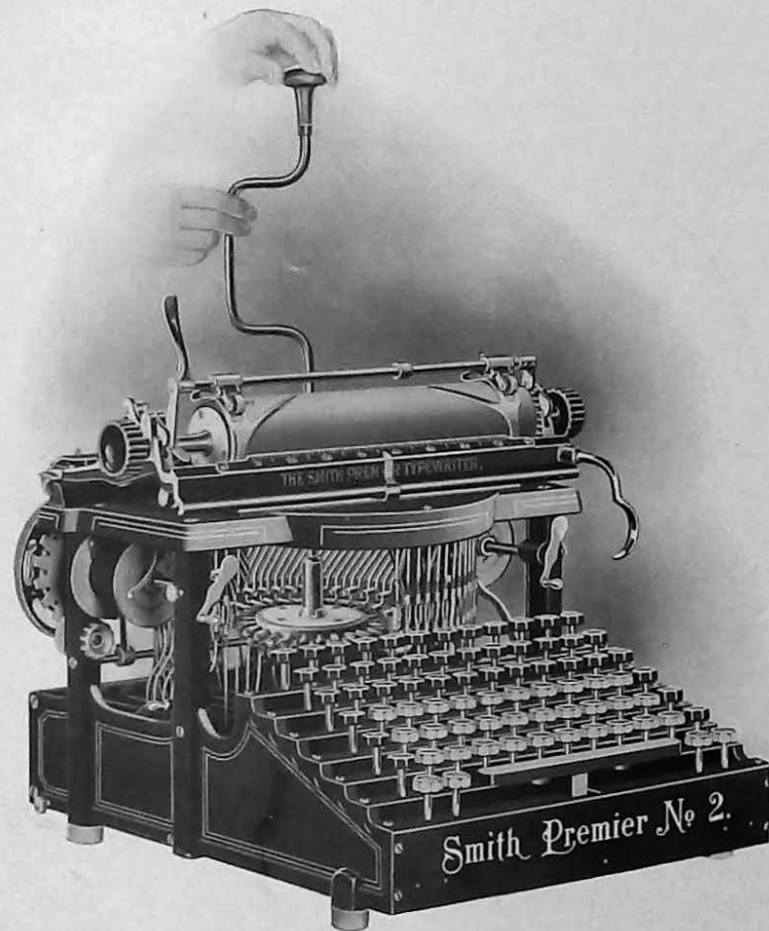
Whenever it is desirable to remove the brush from the machine, it can be easily done by simply turning the brush wheel until its threaded shaft is disengaged from its bearing. We wish to impress upon the public the thorough practicability of this device, and contend that no writing machine can be up to the times without it.

*The Only Perfect
Type-Cleaning Device*



THIS CUT SHOWS THE BRUSH WHEEL REMOVED FROM THE MACHINE; ALSO THE CRANK FOR OPERATING IT

*"You Turn the Crank, the
Brush Does the Rest"*



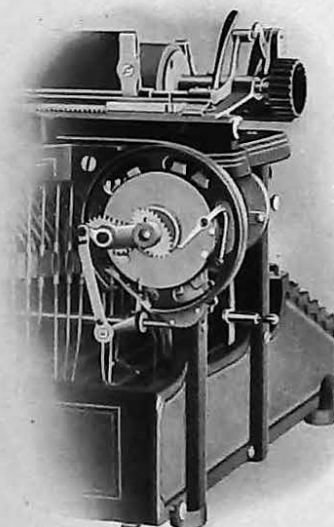
THIS CUT REPRESENTS THE PROCESS OF CLEANING THE TYPE ON ALL SMITH PREMIER TYPEWRITERS
EVERY LETTER CLEANED IN FIFTEEN SECONDS

THE RIBBON-FEEDING DEVICE

A perfect ribbon-feeding device should bring the entire surface of the ribbon in contact with the type and without attention from the operator. The ribbon is attached to our improved ribbon spool by an automatic clamp. No tape or pin is required. A new ribbon can be instantly inserted without soiling the fingers. In the Smith Premier, the operator, after putting a ribbon into the machine, will never be obliged to pay any further attention to it until it is exhausted. The entire surface of the ribbon will be uniformly worn, regardless of the length of the line written (as it will work perfectly in writing a column of two figures), without the slightest attention, so long as a single color is used.

The primary feed of the ribbon is across its width, with a step-by-step movement in the direction of its length, and a perfect automatic reversing mechanism which reverses the ribbon as soon as it is entirely unwound from either spool, and it is further provided with an instantaneous reversing mechanism which may be operated by hand to reverse the ribbon at will.

For work directly through carbon sheet, or for stencil cutting, the ribbon not being required, an ingenious device, attached to the outside of the carriage band-wheel, throws out the ribbon-feeding mechanism. It must always be thrown on again when returning to ordinary work, as it governs the ribbon-feed.



THIS CUT REPRESENTS THE RIBBON-FEED DRIVING MECHANISM

CARRIAGE STOPS AND LINE-LOCKING MECHANISM

The margin regulator, carriage stops and line-locking mechanism have been altered in form but not in principle, their uses having been extended and enlarged, making it possible to write a page in columns, locking the printing mechanism at the end of each column line, and also operating the bell mechanism before locking on each column, allowing annotations to be written in the margin as heretofore, but locking the printing mechanism before running into the body of the page, and in all cases, after locking the line, a stroke on the release lever unlocks the same, allowing the printing to proceed in the regular manner. The bar upon which these stops are adjusted is graduated for convenience in setting.

Frictionless Ball Bearing Carriage

The ball bearing for the carriage is retained, as we have never seen a device that would equal it as a rigid and almost frictionless bearing.

No. 2 SMITH PREMIER KEYBOARD

As will be observed, the keys of the keyboard (on the No. 2, 76 in number) are arranged in straight rows, and the keyboard itself is constructed



rectangular in form, with a single wide space key in the center, making the most perfect keyboard yet applied to writing machines.

FEATURES ORIGINAL WITH THE SMITH PREMIER

Durable Alignment

Uniform Touch

Ball-Bearing Carriage

Type-Cleaning Mechanism

Line-Locking Mechanism

Paper Feed Releasing Mechanism

Steel Rocking Shaft

Compound Ribbon Feed

Single Scale and Swinging Platen

Releasable Margin Stops

Wide Type-Bar Bearings

Duplicate Keyboard

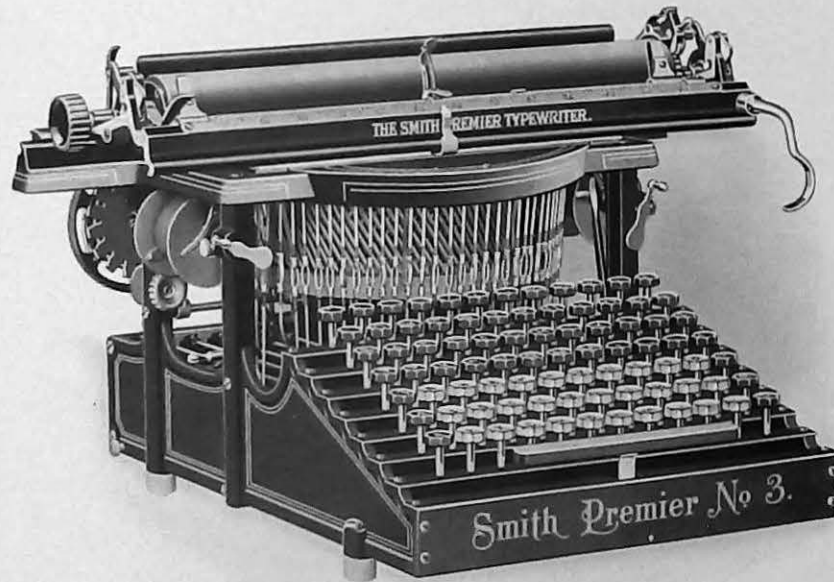
Compound Automatic Ribbon Feed

Removable Platens

Automatic Paper Guides

Straight Line Keyboard

SMITH PREMIER No. 3



The No. 3 Smith Premier is provided with eighty-four characters, and has a carriage that will permit the writing of lines 12 inches in length. It is especially desirable for a large variety of tabular and commercial work.

SMITH PREMIER No. 4



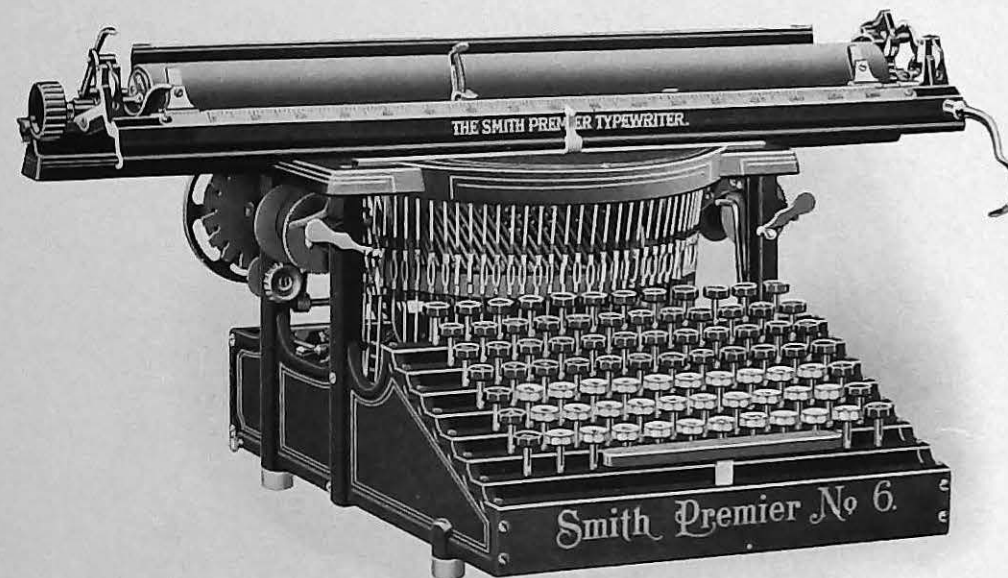
The No. 4 Smith Premier is provided with eighty-four characters, and has a carriage that will permit the writing of lines $7\frac{1}{4}$ inches in length, the same as the No. 2.

SMITH PREMIER No. 5



The No. 5 Smith Premier is provided with eighty-four characters, and has a carriage that will accommodate paper 11 inches wide and permit the writing of lines 9½ inches in length. It is a machine especially adapted for billing; but, like all other Smith Premier models, is always available for work of any character within its capacity.

SMITH PREMIER No. 6



The No. 6 Smith Premier is provided with eighty-four characters, and has a carriage that will permit the writing of lines 16 inches in length. It will take paper 18½ inches wide. It meets the requirements of all lines of business where an extra width of paper or printed forms is used.

STYLES OF TYPE FOR SMITH PREMIER MACHINES

No. 1 Type for GENERAL WORK.

Italics Form Our NO. 2 STYLE.

PUBLIC SPEAKERS Like No. 3.

No. 4 GOTHIC, TWO SIZES OF CAPITALS.

Many TELEGRAPHERS Use No. 5.

No. 6 for Personal LETTERS.

Admirers of S C R & P J Like No. 8.

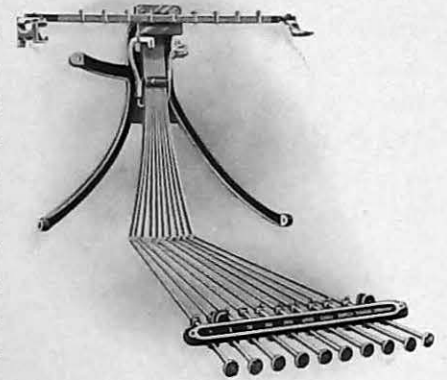
No. 1 is a sample of medium Roman, a general favorite with business and professional men. No. 2, Italic. No. 3, large Roman condensed, a favorite type with clergymen and public speakers. No. 4, Gothic. No. 5, large Roman, used by telegraphers, clergymen, and public speakers. No. 6, Elite, especially desirable for correspondence. No. 8, Script.

No. 1 is always sent unless otherwise ordered.

Great care is taken in the construction of the type used on Smith Premier Machines. They are made from the best steel and hardened. The face of each letter and character is concave in structure, so that it perfectly fits the circle of the platen, insuring an even impression over the entire surface of the printed character.

SMITH PREMIER TABULATOR

A typewriter attachment which has come to be regarded as indispensable in many commercial establishments is the Smith Premier Tabulator and Billing device illustrated on this page. It is absolutely automatic in its action and is the only typewriter device by means of which figures of different denominations may be written in their proper places in columns—units under units, tens under tens, etc.,—without employment of the space key or release lever, or any adjustment whatever of



the typewriter carriage by hand.

By its use the carriage is instantly set automatically at any and as many points as may be required for writing words or figures in tabular form, obviating the necessity for inspection of each line or column and insuring neat, accurate and rapid work. The tabulator does not in any way interfere with the use of the machine for correspondence or any other work within its capacity.



TYPEWRITER FURNITURE AND SUPPLIES

We are in position to furnish two lines of roll-top desks and flat-top cabinets, fitted with our most approved drop mechanism, as shown by following illustrations. These cabinets are made of the best quartered oak, black walnut or cherry, and in construction and finish are not surpassed. The Premier Grade cabinets are the best typewriter cabinets on the market at any price, and our second line cannot be equaled at prices listed on these goods.

Supplies

We have, in connection with our factory, a fully equipped Supply Department, and urge Smith Premier users to employ our supplies in their work. We have regularly in stock ribbons, carbon papers, typewriter linen papers, letter copy books, stenographers' note books, manuscript covers, copyholders, and all other articles used in connection with typewriters. Our supplies are furnished for all makes of typewriters. Supply Catalogue sent on request.



PREMIER GRADE No. 20—ROLL TOP

(Showing Typewriter in Position)

50 inches long
32 inches wide
50 inches high



PREMIER GRADE No. 19—EIGHT DRAWERS

(Closed, for General Office Use, Typewriter Dropped)

50 inches long
32 inches wide
30 inches high



PREMIER GRADE No. 18—FOUR DRAWERS

38 inches long
32 inches wide
30 inches high



ROLL-TOP CABINET No. 17

50 inches long
32 inches wide
50 inches high



ROLL-TOP CABINET No. 017

(Like the No. 17, but with a Cupboard for Books)

50 inches long
32 inches wide
50 inches high



EIGHT-DRAWER CABINET No. 16

(Showing Typewriter in Position)

50 inches long
32 inches wide
30 inches high



FOUR-DRAWER CABINET No. 15

38 inches long
32 inches wide
30 inches high



FOUR-DRAWER DESK No. 14

(Drop Leaf)

Manufactured in Quartered Oak, highly finished; drop leaf, with self-adjusting support; sliding note book rest and pocket for waste paper; drawers with cabinet handles and finished on the inside.

Size of top, leaf up, $20 \times 45\frac{1}{2}$ inches

Size of top, leaf dropped, 20×34 inches

Height, $27\frac{1}{2}$ inches



DROP CABINET No. 13

30 inches high

$24\frac{1}{2}$ inches wide

$30\frac{1}{2}$ inches deep



PREMIER QUARTERED OAK TABLE

32 inches long
17½ inches wide
26 inches high

