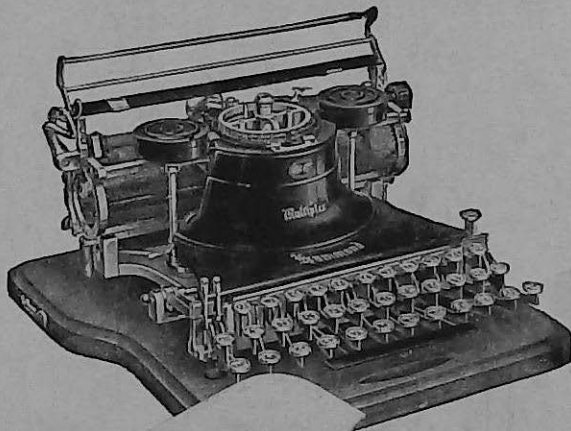


INSTRUCTIONS

ALL MODELS OF HAMMONDS

“JUST TURN THE
KNOB” and change
instantly from one
style of type or one
language to another.



“An examination of
the ‘Multiplex’ is an
Education in Type-
writers.”

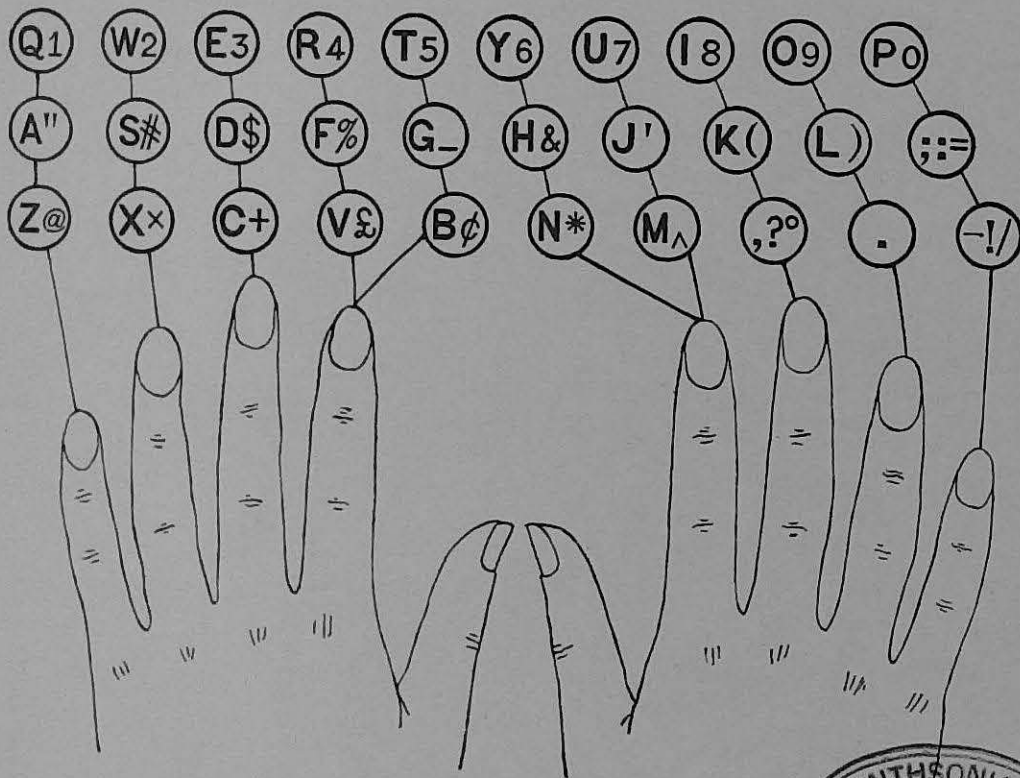
TYPEWRITER

THE “MULTI” HAMMOND VISIBLE TYPEWRITER

The Hammond Typewriter Company

Factory and General Offices
69th Street and East River
New York, N. Y., U. S. A.

HAMMOND TOUCH CHART.



This cut shows the proper fingering for touch operating.
Important Simplified Instructions on Opposite Page



652 T99 Sch. Tech. (MACE) 23 JAN 58 ROMANIDE MECH. & CIV. ENGS. SL (NO P.O.)

AN EASY METHOD FOR LEARNING THE HAMMOND TYPEWRITER

In presenting this quick method for learning to operate the Hammond typewriter we have not in mind to underrate in the least the more scientific plan known as the "touch method," so far as it applies to the necessary expertness of the professional typist; for such the extra time spent in learning is repaid many times over. But for the average lay-operator it is entirely unnecessary.

A world's record for speed was made by an operator using only the two index fingers. But there is a happy medium in the matter of fingering and it is this that we shall present.

The first two fingers on each hand for operating the keys and the thumb of the right hand for the spacing key is this "happy medium."

After using the general directions in this book for becoming familiar with the general manipulation (such as placing the paper properly, using the carriage release key, and the line space lever, etc.), then start at once in doing actual writing; word exercises are quite unnecessary.

Refer to the "Hammond Touch Chart" in this book, or take the key-board of the machine, and divide the keys into two halves; the 5 and B keys will be the centers on the left hand side; the 6 and N will hold similar position on the right hand side. This divides the key-board into halves. At the start observe this imaginary line strictly for the work of the two hands, keeping the right and left hands on their respective sides. The three keys at the extreme ends on both sides (all to the left of E D C and all to the right of I K), must be struck with the second finger of each hand; all keys in the center of the key-board must be struck with the first, or index finger, of course observing the main division of the keys as set forth in the beginning of this paragraph.

At first let the movement of the hands be very slow, and be sure to press the key down firmly to the extreme of its dip; speed will come as surely as the "tax bill."

Keep the hands well poised above the key-board, about one inch, and the index fingers directly in the center. After the keys have been "pushed" down raise the hands quickly and get them into position for the following keys.

When striking any key requiring either of the shifting keys then use only the index finger of the right hand for that key; the left hand to be occupied only in pressing the shift key.

If it be desired to force "speed" it can be done, after about an hour of preliminary practice, by getting some one to dictate (or read from print); this permits concentration of the mind on locating the position of the keys.

Carefully following this plan will bring to any reasonably intelligent person a control of good fingering of the entire key-board in less than fifteen minutes practice. As we have said before; speed will surely follow.

OPENING AND STARTING A NEW MACHINE.—In transportation the carriage is held immovable by a carriage locking screw which runs through the rear leg of the machine which is to one's right as he faces the back of the machine. The first thing to do after unpacking the typewriter is to unloosen this carriage locking screw. The carriage will then move freely.

PACKING AND SHIPPING.—To pack machine for shipment reverse the operation for opening and starting.

(Note: At each of the carriage ends in many of the machines will be found a slender clamp of blue steel. This should be loosened and allowed to drop forward so as to rest over the small pin at the front of the carriage end. When shipping these clamps replace across the carriage ends.

In the No. 2 Model—old style—the carriage is held firm during transportation by two holders fastened over the end of the carriage rack. These holders should be unloosened and turned back out of range, then tightened.)

Persons unfamiliar with the Hammond should observe these things:

The Carriage Release Lever is at the left end of the carriage, at the rear. To free the carriage so that it will move in either direction, press this lever, pushing it slightly at the same time. On later models this lever extends forward parallel with the line space lever and is merely pressed down.

The Paper Rest is the wire attached to each end of the upper part of the carriage. When the machine is in operation the paper rest should be thrown back, as is indicated in the cuts.

The Bell Striker is made to slide along the black enamel erasing plate.

The Paper Guide is on the left of the erasing plate, also movable. The operator will find it convenient in assisting him to insert his paper always at the same place.

THE TYPE SHUTTLE OR TYPE PLATE.—The anvil or type holder of the Multiplex Hammond holds two type shuttles, one active, one idle. To insert or remove a shuttle, lift the anvil **by taking hold of the cross piece**, then bring the center of the shuttle so that it is opposite the hole in the side of the anvil. The shuttle will then slide in or out. In inserting a shuttle care should be taken to see that the small letters are at the top. After the shuttles are in the anvil, the holes in the shuttle bushings should be brought directly over the shuttle arm pins, and the shuttles dropped into position. When it is desired to insert or remove shuttles the anvil should not be lifted by the knob, as that locks the shuttles in position.

To substitute the idle shuttle for the active one, raise the anvil by the knob J to a stop and turn until the hole R drops on pin D (See cut, page 6).

Never use oil on a type shuttle or anvil.

IMPORTANT Points to Remember

CORRECT TOUCH is necessary to insure ease of operation and speed without fatigue. The action of the machine is automatic, and the keys should never be struck hard. Press the keys quickly and follow them completely to the bottom of the stroke—do not strike them as if they were red hot. The pressure stroke will give the only proper print and perfect impression. If the keys are struck rapidly the letters may be left out or only a portion of the character may appear. The pressure method is just as rapid, and the greatest possible speed can be obtained. The legato, or pressure touch, is also far less injurious to the nervous system and much less fatiguing.

(For correct fingering see touch chart on inside cover page.)

KEEP ALL PARTS OF THE MACHINE CLEAN AND FREE FROM DUST, especially the hammer face, the shuttle (type plate), shuttle shield and ball race. **NEVER PUT OIL ON THE ANVIL OR TYPE PLATE.**

A BACKING OR EXTRA SHEET, back of the sheet you are writing on, should be used whether you are manifolding or not. In this way the writing will be more perfect.

MANIFOLDING.—Read carefully the Special Instructions for Manifolding, page 9.

MIMEOGRAPHING.—See Special Instructions, page 10.

REPAIRS.—If repairs should be necessary have them made by a Hammond representative or branch. (See list of branches on last page.)

“MULTIPLEX” CARBON PAPER AND “SUPERIOR BRAND” RIBBONS MUST BE USED TO OBTAIN BEST RESULTS

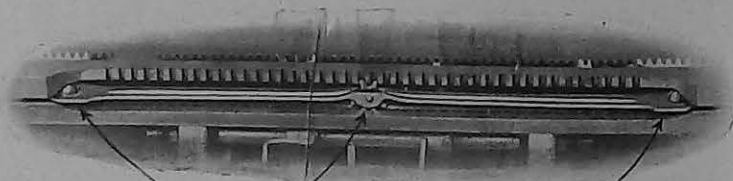


INSERTING THE PAPER.—

First press down and then return the Feed Roll opener. Place your paper in the "Natural Way"—right side up—either dropping it between the feed rolls or introducing it at the open right-hand carriage end. The bottom of the paper will drop into perfect position at the bottom of the basket, thereby insuring perfect alignment.

BALL BEARINGS for carriage runway are a special feature; they increase speed, cut operating effort, redouble efficiency—all on Multiplex Hammonds.

THE CONTROL keeps the balls always in position.



The **CONTROL** keeps the **BALL BEARINGS** always in position.

RIBBON RENEWAL.—To insert the ribbon part N should be pressed slightly to the right and part S slightly depressed so as to raise the frame, allowing it to rest on the extension of part N. The shuttle shield thus raised, pass the ribbon through the wire clips in the shuttle shield, taking care to see that the ribbon is exactly in position and moves freely.

RIBBON SPOOLS.—The insertion of the ribbon must be in accordance with the model. Model No. 12 and early Multiplex Vulcanite Spools. Improved 1916 Multiplex, Enclosed Spools.

No. 12.—The ribbons of this model are furnished upon a tin spool which can be wound on vulcanite spools and properly placed in position. One of the ribbon spool thumb-nuts should be carefully tightened so that the ribbon will wind upon this spool, the other thumb-nut loose.

MULTIPLEX MODEL.—On the first model of this machine vulcanite spools are used, tho no thumb nuts are necessary.

LATEST MODEL—ENCLOSED SPOOLS.—These ribbons are furnished upon wooden spools or hubs. The wooden spools should be properly placed within the metal cups on the ribbon shaft and carefully pressed down. The ribbon should then be threaded through the shield and shield frame. The shield and frame should then be dropped into normal position and special attention given to see that the ribbon moves freely.

TWO-COLOR RIBBON.—These should be inserted with the red at the bottom. When red is desired the shield frame should be raised by pressing parts N and S so as to allow the frame to rest on the extension of part N.

RIBBON SHIFT.—These are made in two models; on one (the one with the round, smooth knob) part A is pushed to you or from you to reverse the ribbon. On the other, part A at the right of the machine is pushed in or pulled out.

NEUTRAL POSITION.—The Improved Multiplex is arranged so that the ribbon may be placed at central position. This is when knob A is at a central point and neither in nor out, or forward or backward. The neutral position is used for stencil cutting and other special work.

THE SHUTTLE SHIELD.—This part is properly adjusted before being shipped. **Do not allow ink to accumulate** on the point or **printing side of the shield**, or it will smut the paper between words. Where a very moist or new ribbon is used, wipe this shield off occasionally with a soft cloth. This may be done by slightly raising the shuttle shield frame. Care must be taken in this operation that the shield is **not misplaced**.

Position of Shield When in proper position, the hammer face will strike through the center of the rectangular hole. In putting on a new shield, care should be taken to see that the ends of the shield fit properly on the shuttle shield frame.

Ordering of Shields When ordering shuttle shields from the Company care should be exercised to see that the kind of shield desired is correctly described. Herewith are presented cuts of the different varieties.

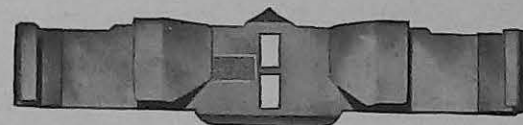
In ordering shields, compare the shield you are now using with the cut and order by number, stating whether you wish it for one or two colors. Price, 15c. each.



No. 1, FOR MODEL No. 2



No. 2, FOR MODEL No. 12, SINGLE-COLOR

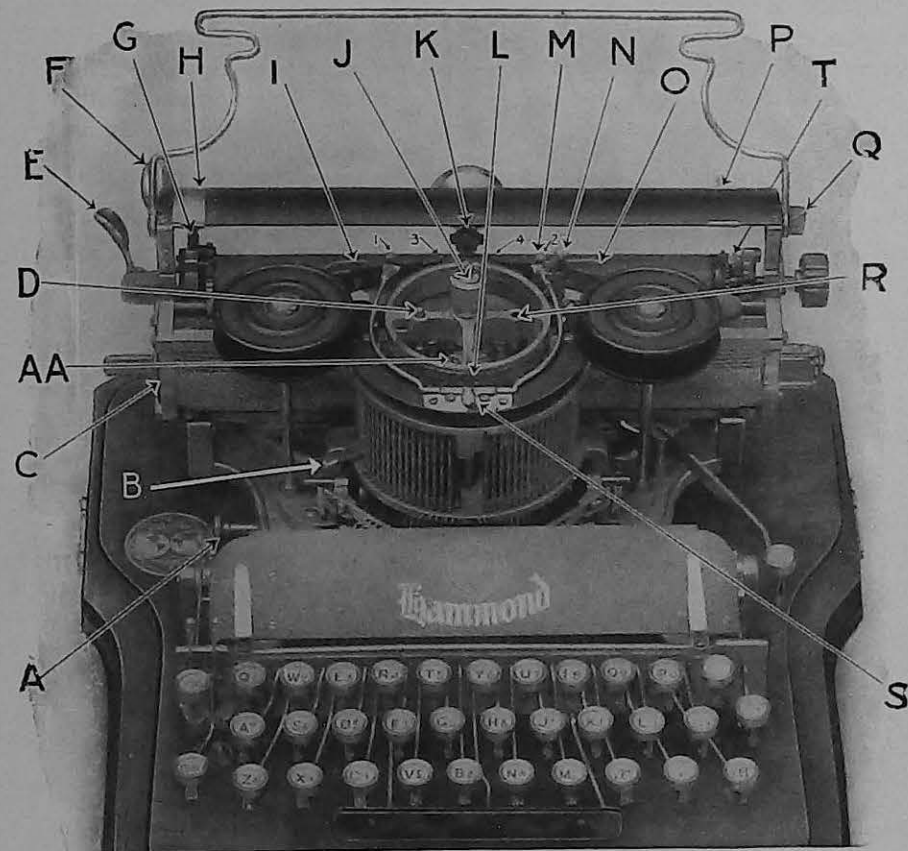


No. 3, FOR MODEL No. 12, TWO-COLOR



No. 4, LATEST "MULTIPLEX" TWO COLOR
No. 5, ONE COLOR

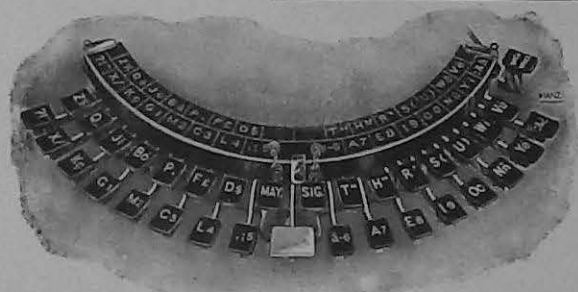
FRONT VIEW OF "MULTIPLEX" HAMMOND



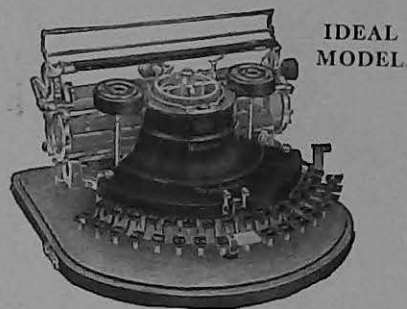
(Note) The old model is shown for better view of the machine.

DESCRIPTION.

A	Ribbon reverse.	M	Right ribbon guide.
AA	Driver arm.	N	Shuttle shield frame adjuster.
B	Anvil disengaging lever.	O	Right line guide. (Indicates writing line.)
C	Carriage end.	P	Bell striker slide.
D	Anvil locating pin.	T	Feed roll cam.
E	Line feed lever.	Q	Feed roll opener. (Open to insert paper.)
F	Disengaging lever. (Carriage release.)	R	Anvil locating pin hole.
G	Line feed regulator. (Operates from back.)	S	Shuttle shield frame lifting lever.
H	Paper guide.	1	Left ribbon guide. (Indicates writing line.)
I	Left line guide. (Indicates writing line.)	2	Right ribbon guide.
J	Anvil knob.	3	Left shuttle shield clip.
K	Hammer wheel. (Has three faces.)	4	Right shuttle shield clip.
L	Shuttle. (One not in use.)		

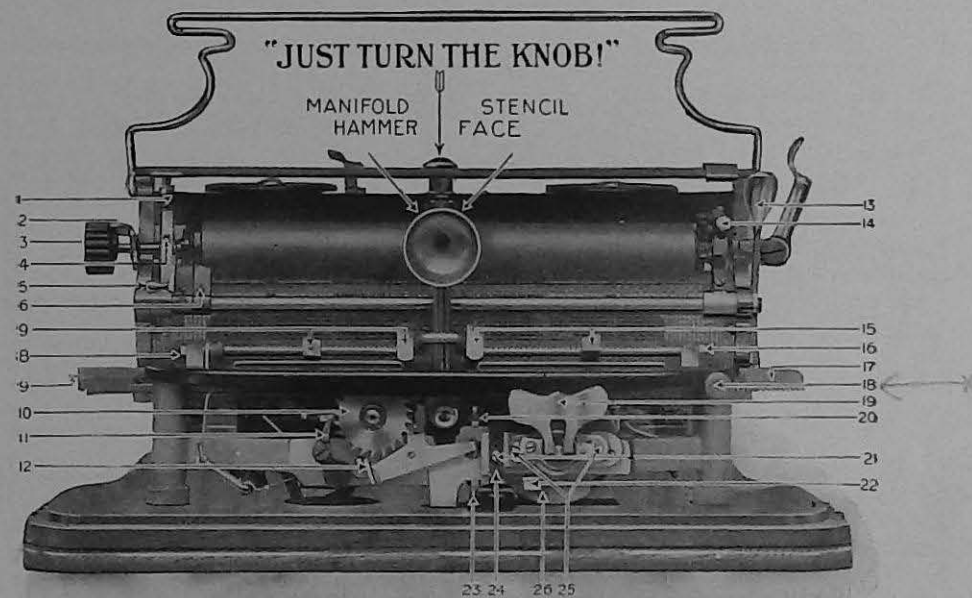


Hammond Ideal Scientific Keyboard



IDEAL MODEL

BACK VIEW OF "MULTIPLEX" HAMMOND



(Note) In latest model part 13 has a forward release lever.

DESCRIPTION OF BACK VIEW OF MACHINE.

- | | |
|--|---|
| 1 Bell striker. (Moves to desired point.) | 13 Disengaging lever. (On carriage release.) |
| 2 Feed roll opener. (Press down to open rolls.) | 14 Line feed regulator. |
| 3 Feed roll knob. | 15 Marg. stop blocks. (For regulating margins.) |
| 4 Feed roll adjusting screw. (To adjust feed rolls.) | 16 Marg. stop rack adjusting screws. |
| 5 Feed roll ratchet spring lever. | 17 Carriage rack. |
| 6 Feed roll friction spring. | 18 Carriage locking screw. |
| 7 Marg. stop blocks. (Move right or left.) | 19 Spring winder. (Wind up for manifold-ing.) |
| 8 Marg. stop rack adjusting screw. | 20 Escapement lever adjusting screw. |
| 9 Draw band hook. (Holding the carriage draw band.) | 21 Hammer spring adjusting screw. |
| 10 Escapement wheel. | 22 Spring winder stop. |
| 11 Escapement stop pawl. | 23 Escapement lever stop screw. |
| 12 Escapement lever. | 24 Hammer spring adjuster. |
| | 25 Spring winder friction plate screws. |
| | 26 Spring barrel. |

INSTRUCTIONS FOR MANIFOLDING ON THE HAMMOND.

"MULTIPLEX" BRAND CARBON PAPER WILL GIVE THE BEST RESULTS.

- 1.—Remove the rubber impression strip running the width of the carriage just under the erasing plate.
- 2.—Reach around back of the typewriter and with the thumb and forefinger turn to the front the Manifolding, or the right-hand face of the Hammer. (See Cut, page 11.)
- 3.—If more than two copies are desired, turn the machine so that the back faces you, and wind the Spring Winder Key No. 19 to the Right about four half-turns for three or four copies; for more copies, turn the winder until it stops.
- 4.—**UNWIND** the Spring Winder when through manifolding, turn the regular Hammer Face to the front again, and replace the Impression Strip.
Be sure and get "Multiplex" carbon. It gives best results.

MIMEOGRAPH STENCIL WORK.

GET "HAMMOND SPECIAL" DERMATYPE OR WAX STENCILS.

NEW DERMATYPE STENCIL PAPER. This stencil paper is prepared according to the manufacturer's instructions and is inserted in the machine as you would an ordinary sheet of paper. **HAMMOND SPECIAL DERMATYPE STENCIL** can be secured for either the Neostyle or Edison Rotary Mimeograph. We recommend this above all others for the Hammond. This can be secured through the manufacturers, their agents or the **HAMMOND TYPEWRITER COMPANY**.

The Multiplex and No. 12 Hammond typewriters are equipped with a revolving, triple-faced Hammer. One face for regular work, one for Manifolding and one for Mimeograph Stencil Cutting. The three faces are on a block which revolves on a pivot. The face desired is held in position by a catch.

The Central Hammer face is used for ordinary work; the **RIGHT** Hammer face is the Manifold; and the **LEFT** is the Mimeograph face.

To cut a Mimeograph Stencil proceed as follows:

- 1.—Turn the Mimeograph Hammer Face to the front, and it will be held in position automatically.
- 2.—Remove the Rubber Impression Strip.
- 3.—Wind up the Spring Winder at the back, No. 19, all the way.
- 4.—Use a practically **NEW TYPE SHUTTLE** or secure a special **MIMEOGRAPH SHUTTLE**. (These can be had in any style from any Branch Office or Agency.)
- 5.—If a No. 12 Model, remove **RIBBON** and **SHUTTLE SHIELD** and return **SHUTTLE SHIELD FRAME** to normal position.

If a No. 12 Model with **MULTIPLEX SHUTTLE SHIELD FRAME ATTACHMENT**, raise Shuttle Shield Frame so that it rests on top of the lever "N" at the right, which will raise ribbon out of contact with type shuttle. **LOOSEN** the Thumb Nuts of **BOTH** ribbon spools.

If an Improved Multiplex, set the ribbon at neutral and raise the shield frame and ribbon.

Prepare Stencil as follows:

(ALWAYS SECURE HAMMOND SPECIAL STENCIL PAPER.)

OLD STYLE HAND MIMEOGRAPHS: (1) Upon a clean, smooth surface lay the Silk Perforating sheet. (2) On top of this place the Wax Stencil sheet. (3) On top of these two, place the Tissue sheet. (4) Roll the three carefully and insert at the Right end of Carriage, allowing the Tissue sheet to face the type of the machine.

PLACE STENCIL IN MIMEOGRAPH AS PER INSTRUCTIONS OF A. B. DICK COMPANY, OR AS USUAL.

(WAX STENCILS) EDISON ROTARY MIMEOGRAPH STENCILS

On these machines the Stencil paper comes prepared for the typewriter, but for the Hammond it is necessary to remove the stiff "BACKING," tearing it where it is perforated at the top. In place of this Backing, place a **SILK** sheet. The light porous Tissue sheet generally found between the Stencil and the stiff backing is also of no value and can be discarded. Partially roll the Stencil and Silk sheet carefully, and insert at the Right of Carriage, allowing Tissue sheet to face the type of the machine. A particularly fine variety of Stencil work can be done by omitting the Tissue sheet, but the Type must be cleaned at the end of every other line. The above applies also to Neostyle work.

SPACING BETWEEN LINES.—Spacing between the lines is regulated by the lever to be found squarely at the left end of the carriage. Just at the rear of the left end of the carriage is the line feed index pin, which fits in any of three holes, the highest for one space, the middle one for two spaces and the lowest for three spaces between lines.

When ruled paper is being used, or when for any reason irregular spacing is desired, the operator can throw off the regular spacing by raising the little lever which projects from the rear of the machine just at the right end of the large feed roll.

(Note: If it should occur that the paper does not feed evenly, the operator will be able to adjust the large feed roll by means of the screw, nut and set-screw at the right end of the frame holding the feed roll. The large screw and the nut should not be removed, merely loosened, and the set-screw should be adjusted until two strips of paper placed between the feed rolls two inches from the ends show the same resistance when pulled up.)

USING DERMATYPE.—Cover the cardboard surface between the blue paper and cardboard with preparation as supplied, with soft brush, and while damp lay Dermatype on it smoothly, pressing out all wrinkles. Then roll and insert in machine. If this preparation is not at hand dampen the surface with water. It will practically answer the same purpose.

ERASURES AND CORRECTIONS.—To make an erasure or correction, roll the paper up with the feed roll knob until the desired line can be laid on the erasing plate (top of carriage). Make correction and turn down so that bottom edge of line to be corrected is even with the line guides, which will be found on either side directly back of the ribbon. Point of printing or impression is indicated by Pointer in center of shuttle shield.

MARGINAL STOPS AND LINE LOCKS.—These are found on the rod at the rear of the machine. To set them, run the carriage to the point where it is desired to begin or cease printing, as the case may be, then move the stop along the rod until it touches the carriage. To write beyond the margins fixed by the stops, press the marginal stop release at the right-hand side of the keyboard. **IMPORTANT.**—The two inner stops nearest the center should **always** be left upright and in position in the last tooth of the Rack.

CARE OF THE MACHINE.—Keep the machine covered when not in use, and do not allow it to become clogged with erasures. Wipe all parts with soft cloth or chamois and brush the interior, wherever it can be reached, with small brush.

TYPE.—To clean the type remove shuttle from machine and brush with type-cleaning brush. Do not rub the type; give it a gentle beating with the ends of the bristles. This will **pick** out the dirt that has settled into the type faces.

MOST IMPORTANT.—Keep all parts of the machine clean and free from dirt, dust and rust. Oil but slightly.

Prices—Accessories and Supplies

(Prices subject to change without notice.) EACH

Brushes, Type	\$0.20
Brushes, Dust15
"Multiplex" Brand Carbon Paper, size 8½ x 11, per 100 sheets.....	2.00
"dozen"35
Carrying Cases, Canvas.....	4.50
Screw Drivers.....	.25
Covers, Oil Cloth for Machines, 0.30 and Erasers	0.50 and .10
Language Plates (Paper).....	.10
Language Plates (Celluloid).....	.50
"Multiplex" Copier (Gelatine process)	
Model P. 1	15.00
" C. 1	20.00
Felt Pads (to deaden noise).....	.50
Oil (per bottle).....	.10
Oilers (Perfect Pocket).....	.30
Ribbons (all kinds).....	0.75 and up
Ribbons (Carbon).....	.50
Impression Strips, Rubber.....	.10
Shuttle Shields (all models).....	.15
Composition Ribbon Spools.....	.35
Traveling Cases (fine Sole Leather).....	17.50
Type Shuttles (See Type Cat.) \$3.50 and	4.00
Special Characters on Shuttle..... each	1.00
Polished Oak Machine Covers (reg. size)	7.00
Oak Shuttles Cases.....	1.50

HAMMOND TYPEWRITER PAPER—PRICES ON APPLICATION

Good Work Suggestion

To obtain the very best results from Multiplex Writing Machine the supplies should be obtained from the Hammond Company as far as is possible.

"Multiplex" Brand Carbon.
"Superior" Brand Ribbons.

Oiling Do not drench the typewriter with oil. Use very sparingly and not too often. Too much oil attracts dust and dirt, which clogs the machine. Use Hammond typewriter oil.

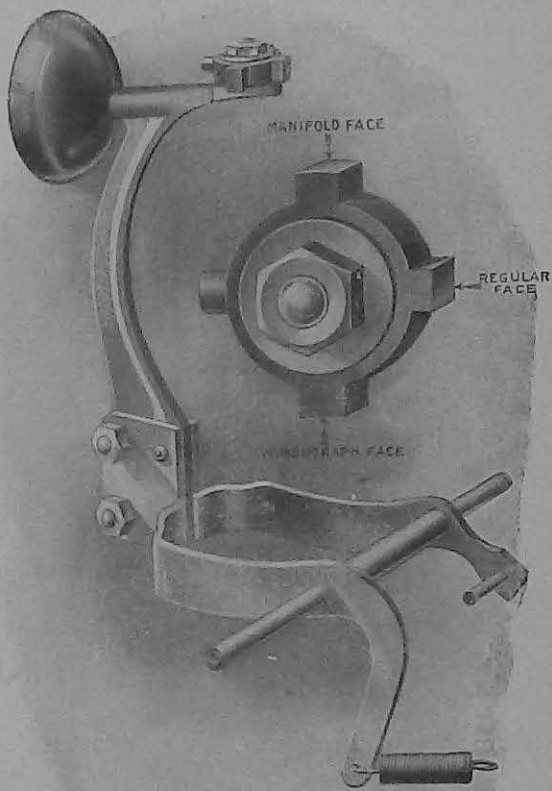
Anvil When a machine is in constant use the anvil should be removed about once a week, cleaned with a soft cloth and oil applied to the shaft, just under the cross-piece. The driver levers should be oiled where they push the shuttle arm. The key levers should be oiled at the point where they pass through the combs in the bed-plate, and the ribbon shaft should be oiled underneath the bed-plate. The levers for the capital and figure shifts should be oiled at the point where they engage their shaft. In the rear of the machine any part of the escapement where there is movement should be occasionally oiled. The three rollers along which runs the carriage guide rod (at the front of the machine bearing the scale) should be kept sufficiently lubricated to move freely. Generally speaking, the operator should watch to see that all points on the machine are always free in action.

Special Note: Oil should never be used on the shuttles or in the anvil slot.

Cleaning Anvil It is well occasionally to clean out the slot in the anvil with a piece of card. This will facilitate the action of the shuttle and will increase speed.

Feed Rolls When the machine is not in use **KEEP THE PAPER FEED ROLLS OPEN.**

ORDERING PARTS.—The serial number, which is to be found in the bed-plate just under the left end of the carriage, should always be given. **This is most important.**



NEW MULTIPLEX MANIFOLD HAMMER

THE MATHEMATICAL MULTIPLEX HAMMOND for Mathematicians, Engineers, Surveyors, Astronomers, Scientists and such others as may have occasion to work out mathematical problems and algebraic equations. **A Typewriter beyond competition.**

This machine does all that a regular machine does and in addition, all algebraic equations and mathematical problems may be written in regular form on this machine.

The illustration herewith shows two of the several special Mathematical type shuttles containing 120 characters.

The Marvelous Mathematical Multiplex

135-Medium Roman

Mathematical Universal-135-c

qazwsxedcrfvtgb	yhnujmik,ol.p.✓	qazwsxedcrfvtgb	yhnujmik,ol.p.✓
QAZWSXEDCRFVTGB	YHNUJMIK?OL@P:f	QAZWSXEDCRFVTGB	YHNUJMIK?OL@P:f
1" _2Σ×3Δ+4∞[5Γ]	6÷*7' 8(<9)>0=/	1" _2Σ×3Δ+4∞[5Γ]	6÷*7' 8(<9)>0=/
1αζ₂σξ₃δρ₄ψθ₅γβ	₆ητ₇εφ₈κω₉λπ₀η-	1αζ₂σξ₃δρ₄ψθ₅γβ	₆ητ₇εφ₈κω₉λπ₀η-

Full catalog of our other Type Shuttles furnished on application.

An additional shuttle of 120 characters, as an idle shuttle—which can be instantly thrown into operation—makes a total of 240 characters in the machine at one time. "Just turn the knob."

The following will explain how to get some Mathematical characters through combinations of Standard characters:

::	is made by printing :	twice
÷ ÷	" " " "	÷ "
-:	" " " "	- then :
;	" " " "	: back space and ,
ø	" " " "	(" " ")
\$	" " " "	S " " "
¢	" " " "	c " " "
×	" " " "	x " " " +
⊥	" " " "	- " " "
∠	" " " "	- " " " /
±	" " " "	+ " " " -
√	" " " "	✓ then depress NUM key and print
√	" " " "	✓ then lower paper and print /

then depress NUM key and print - two or more times according to length of line desired

THE TYPEWRITER FOR ORIENTAL LANGUAGES.—The reversible carriage with which the Hammond typewriter can now be furnished enables the operator to write on the same machine languages which read from *left to right*, such as English, and those which read from *right to left*, such as Arabic, Aramaic, Berber, Hebrew, Hindustani or Urdu, Kiswahili, Kurdish, Malay, Persian, Pushtu, Syriac, Turkish and Dakhni. The Hammond is alone in this field.

The REVERSIBLE MODEL IS WITHOUT COMPETITION; IT STANDS ALONE

Method of reversing the carriage on the REVERSIBLE HAMMOND for Oriental Languages:

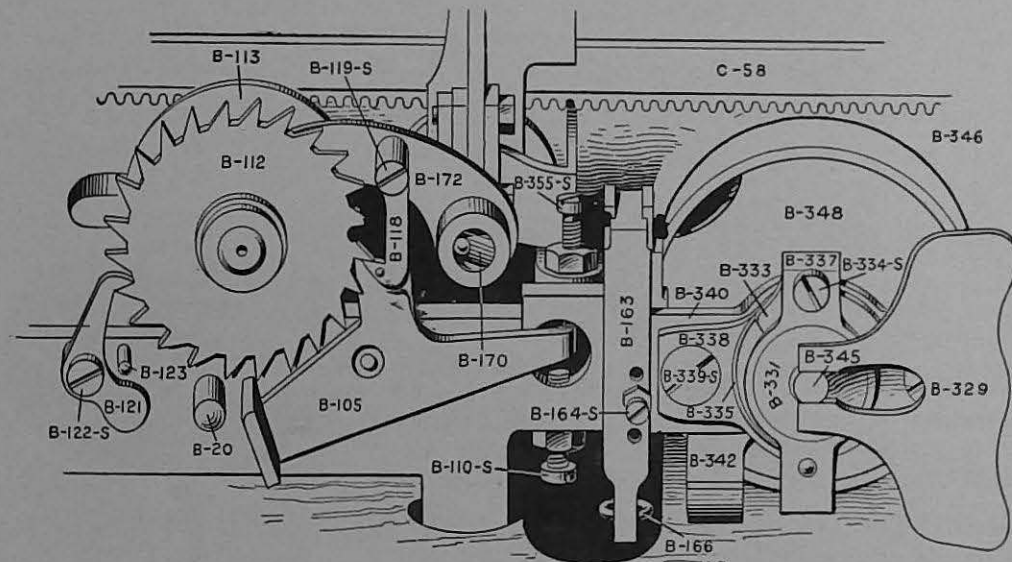
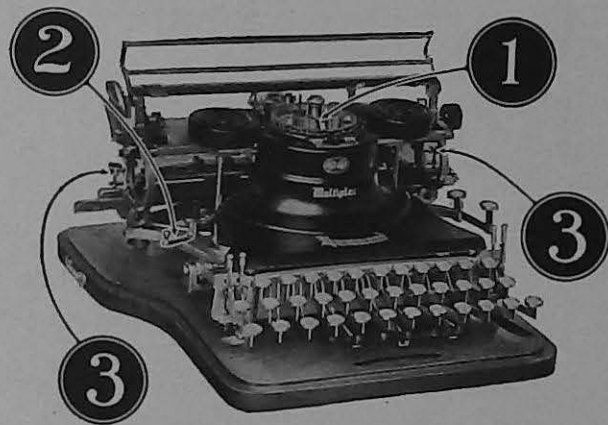
1 To shift to an Oriental language, set the carriage at 45 as marked on the scale where the arrow 1 points.

2 Pull the Shifting Lever 2 toward you

3 Raise the Carriage Rack Stop Pin Knobs at 3, each side, and turn slightly to the left. The carriage will then travel from left to right.

4 To write English again, set carriage at 45. Drop Carriage Rack Stop Pin Knobs 3 back in holes in Reversible Rack. Then push shifting lever 2 back, and proceed as usual.

"JUST TURN THE KNOB" and change instantly from one style of type, or one language to another.



ESCAPEMENT MECHANISM

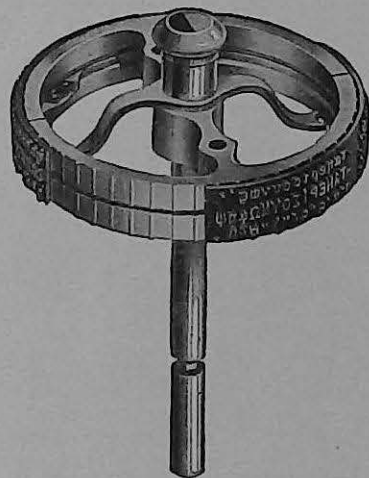
Escapement Mechanism on the Hammond Typewriter

(In addressing the Company on the escapement mechanism refer to the numbers of the parts)

WIDTHS OF CARRIAGES.—Hammond machines can be supplied with carriages of the following widths:

- "A" writes a line 8½ inches (21.4 cm.) long.
- "B" writes a line 12 inches (30.6 cm.) long.
- "C" writes a line 16 inches (40.7 cm.) long.
- "D" writes a line 20 inches (50.8 cm.) long.

Width of PAPER
unlimited.



Instantly Interchangeable Type
in great variety and covering
all languages

UNIVERSAL KEYBOARD.—This keyboard has an arrangement of characters similar to that of the other standard typewriters, but writing NINETY CHARACTERS instead of the usual seventy-six or eighty-four.

IDEAL KEYBOARD.—This keyboard has a circular arrangement of the keys considered by many to be the most convenient. The characters most used are nearest the center of the keyboard.

REPRESENTATIVES—HAMMOND TYPEWRITER COMPANY

FOREIGN

- Athens.....Sidney Nowill
- Amsterdam.....Ruys' Handelsvereening
- Barbadoes.....J. A. Marson
- Barcelona.....Ramiro Garcia Suarez
- Berlin.....Fred Schrey
- Bogota.....Camacho, Roldan & Tamayo
- Bombay, etc.....Maynes Tw. & Supply Co.
- Bridgetown, B. W. I. George H. Hurlbut
- Buenos Aires.....Pratt & Co.
- Cairo, Egypt.....Selim S. Haddad
- Camaguey.....Louis Sanchez
- Cartagena.....Ramiro Garcia Suarez
- Christiania.....Dalton & Sun Machine Co.
- Copenhagen.....A. S. Blackburn
- Gibraltar.....Wm. L. Lombard
- Glasgow.....A. W. Dick Co.
- 's Gravenhage.....Ruys' Handelsvereening
- Groningen.....Ruys' Handelsvereening
- Guatemala City.....Adolfo Blener & Co.
- Havana.....Alvarez Cernuda & Co.
- Hellerup, Denmark Chas. W. Bechshoft
- Helsingfors.....C. F. Mauray
- Hong Kong.....Ramsey & Co.
- Honolulu.....E. Herrick Brown
- Kief.....T. I. Hagen Co.
- Lagos, Nigeria, W. Af. Chas. Ungebauer
- Lima, Peru.....Jose M. Piedra
- Madrid.....Ramiro Garcia Suarez
- Manilla, P. I.....C. Alkan & Co.
- Maranhao.....Agencia Gomez
- Milan.....Melle & Co.
- Montevideo.....Sociedad Importadora
- Moscow.....T. I. Hagen Co.
- Nassau, B. I.....Jas. P. Sands Co.
- Odessa.....T. I. Hagen Co.
- Papeete, Tahiti.....J. Frank Stimson

- Para, Brazil.....Tavares Cardoso & Co.
- Petrograd.....T. I. Hagen Co.
- Riga.....T. I. Hagen Co.
- Rio de Janeiro.....John Roger
- Rio Grande du Sol Lawson, Son & Co.
- Rotterdam.....Ruys' Handelsvereening
- Samana, D. R.....C. S. Cernuda & Co.
- Sanchez, D. R.....Moya Hermanos
- San Juan, P. R.....Jose Cerecedo Millan
- San Jose.....San Jose I. W. Co.
- San Salvador, C. A. Fred A. Hall
- Shanghai, China.....Hirsbrunner & Co.
- Sidney, Australia.....Thompson, Meggitt & Co.
- Singapore.....A. Clouet & Co.
- Smyrna.....I. Hadkinson & Sons
- Stockholm.....Aktiebolaget Affairssystem
- Tangier.....Alexandro S. Yovanoff
- Valencia.....Ramiro Garcia Suarez
- Warsaw.....T. I. Hagen Co.
- Zurich.....Theo. Muggli

CANADA

- Montreal.....Librarie Beauchemin
- Quebec.....Eug. Julien & Co., Ltd.
- Winnipeg.....Modern Office Appliance Co.

UNITED STATES

- Cleveland.....Ohio Typewriter Exchange
- Denver.....Western Typewriter Sales Co.
- Jacksonville.....E. Bean & Son Co.
- Los Angeles.....Business Equip. Sales Co.
- Louisville.....E. J. Elliott
- Portland.....E. W. Pease Co.
- Richmond, Va.....American Typewriter Exchange
- Salt Lake City.....Utah Typewriter Exchange
- Scranton, Penn.....F. E. Sheninger
- Seattle.....E. W. Hall Co.
- Spokane.....Corona T. W. Sales Co.

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