

Instructions for Operating Model G1 Graphotype

*This Book Is Very Important
Read and Keep It*

Addressograph Co.
PRINTS FROM TYPE

Chicago, Ill.

BRANCHES

Atlanta, Ga., 125 Hurt Building
Baltimore, Md., 7 East Redwood St.
Boston, Mass., 157 Summer St.
Buffalo, N. Y., 821 Ellicott Square
Butte, Mont., P. O. Box 1420
Cincinnati, O., 516 First Nat'l Bank Bldg.
Cleveland, O., 404 The Arcade
Dallas, Tex., 612-614 Juanita Bldg.
Denver, Colo., 1636-1646 Champa St.
Des Moines, Ia., 708 Citizens' Bank Bldg.
Detroit, Mich., 611 Stevens Bldg.
Duluth, Minn., 118-120 Fourth Ave., W.
El Paso, Tex., 207 Trust Bldg.
Grand Rapids, Mich., 1413 LaFayette St., S. E.
Houston, Texas, 312 Lumbermans Bank Bldg.
Indianapolis, Ind., 901 Lemcke Bldg.
Kansas City, Mo., 1113-15 McGee St.
Los Angeles, Cal., 252 South Spring St.
Milwaukee, Wis., 1325 First National Bank Building
Minneapolis, Minn., 219 South Fourth St.
Montreal, Quebec, Can., 922-923 Power Bldg.
Newark, N. J., 806 Ordway Bldg.
New Orleans, La., 606 Common St.
New York, N. Y., 740 Broadway
Omaha, Neb., 776-80 Brandeis Bldg.
Philadelphia, Pa., 839 Market St.
Pittsburgh, Pa., 63 Conestoga Bldg.
Sacramento, Cal., 208-10 J St.
St. Louis, Mo., Fullerton Bldg.
St. Paul Minn., 436 Endicott Bldg.
Salt Lake City, Utah, 314 Walker Bank Bldg.
San Antonio, Tex., 520 East Houston St.
San Francisco, Cal., 565 Market St.
Seattle, Wash., 1023 White Bldg.
Shreveport, La., 411 Market St.
Spokane, Wash., 707 Sprague St.
Toledo, Ohio, 466 Spitzer Arcade
Toronto, Ont., Can., 70 Bay St.
Washington, D. C., 501 Southern Bldg.
Williamsport, Pa., F. G. Sweet

Explanatory

THIS book contains instructions for the operation and care of the Model G1 Graphotype. The Graphotype is easy and simple to operate. The instructions are given in detail. We urge that the operator read and study them so as to become familiar with the Graphotype and the principle of operation, and thus get the best results. The Graphotype may be furnished equipped with 44, 56, or 80 characters (letters, numbers, punctuation marks, etc.). The instructions for the 44 character Graphotype are different from those for the 56 or 80 character. Therefore, the reader should first determine the character capacity of the Graphotype for which the instructions are desired. The 44 character Graphotype can be distinguished by the circular character dial HG-751 as shown on page 3. The 56 or 80 character Graphotype may be distinguished by the long character strip HG2-738 as shown on page 9. This book is written in two parts; Part One on page 2 giving complete instructions for the operation and care of the 44 character capacity Graphotype, and Part Two on page 8 giving complete instructions for the 56 or 80 character capacity Graphotype.

FOR ORDERING PARTS, SEE INSTRUCTIONS ON PAGE 14.

Part One

INSTRUCTIONS FOR OPERATING G1 GRAPHOTYPE, 44 CHARACTER CAPACITY

Setting Up of Graphotype

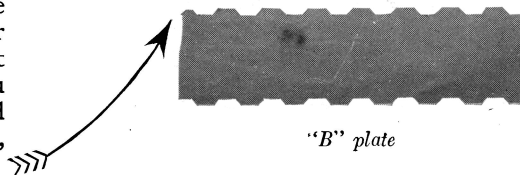
After you have uncased the Graphotype, thoroughly wipe off the heavy oil that has been applied to the nicked and bright parts to prevent rust during transit. The heavy oil can be easily and quickly removed by using a little gasoline or benzine on a piece of cloth. Particular attention is called to cleaning the carriage rail HG-6002, shown in figure 2, page 4. This rail must be absolutely free from particles of dirt. Use a non-lint cloth. Dirt or lint must not get onto any parts of the machine.

Refer to figure 1, on opposite page. Assemble the stand by bolting legs HG-13 and HG-14 and brace HG-15 together—use the hexagon head screws. Then fasten the top of the stand on the legs, using the fillister head nickel plated screws. Set the machine on the stand and fasten it, using the two round head bolts in the two holes located in rear. Place tray HG-140 in position as shown in figure. You will find two dowel pins in the bottom of the tray. These will fit into the two holes in the machine, thereby securely holding the tray in position. Locate the copy holder in the hole drilled on top of Graphotype over to the right, as shown in figure opposite.

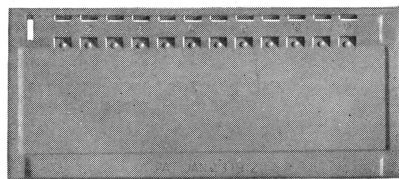
OPERATING

(Refer to figure 2, page 4)

Place a box of blank address plates on the tray at the right. Open the jaws on the carriage by pulling forward on lever HG-68-1 and then push it down. The address plate should be inserted down into the jaws as far as possible, and brought to the left against the gauge HG-6296. If you use style "B" plates, have the tapered edge at the upper left hand corner, like this:



If you have style "C" plates, insert plate with sockets for tabs to the top and top of plate toward operator, like this:



After the address plate has been placed in the jaws in correct position, raise lever HG-68-1 up and toward the machine. This throws the jaws, together with the address plate, into embossing position.

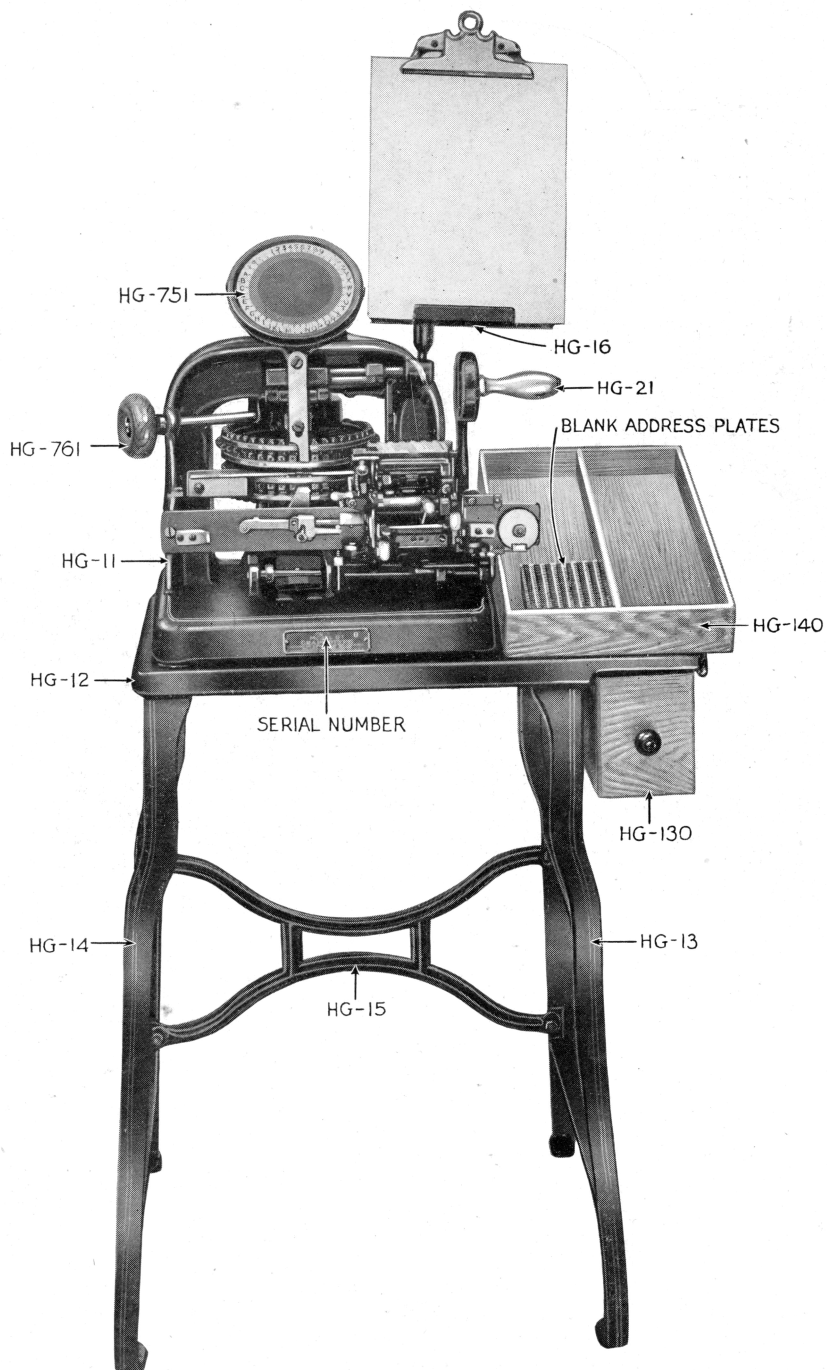


Figure 1

View of 44 character capacity Graphotype completely set up

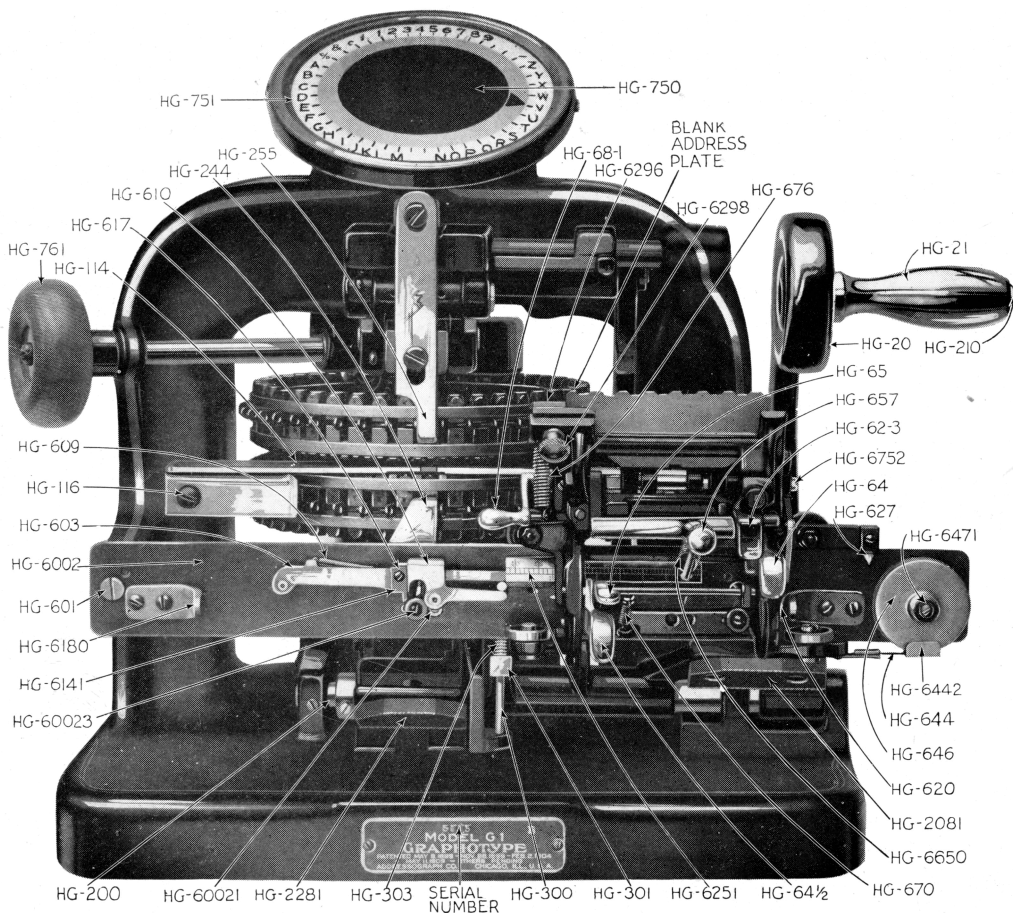


Figure 2

Front view of 44 character capacity Graphotype

EMBOSSING

(Refer to figure above)

Place the index finger under hook HG-64½, pressing down with thumb on lever HG-65, and roll carriage to the left as far as it will go. With the left hand, turn knob HG-761, thereby bringing the pointer on indicator dial HG-751, to the character desired. With the right hand grasp the operating lever HG-21, and give it a quick pull forward toward the operator, as far as it will go. Then return the lever back to the original position. This movement embosses a character on the address plate. **CAUTION:** Attention is called to the importance of pulling the operating lever HG-21 forward as far as it will go. Failure to do so would cause a defective character to be embossed, in that the character would not be raised to the standard height.

SPACING BETWEEN LETTERS

Simply pull forward on operating handle HG-21 approximately three inches, and then move it back to its original position. This will cause the carriage to move one space without embossing a character on the address plate.

LINE STARTING POINT

(Refer to figure on page 4)

When it is desired to move the carriage back and forth to any position, place the index finger under hook HG-64½, pressing down on thumb lever HG-65, which will unlock the carriage so that it can be shifted to any point. **IMPORTANT:** Operator should never force the carriage to any position without first pressing down on thumb lever HG-65.

LINE SPACING

(Refer to figure on page 4)

Place the index finger under hook HG-64, and with thumb push back on line space frame HG-62-3, one notch for the next line. When the lower line of type is completed and carriage returned to the right, raise up on lever HG-657, which will cause the carriage jaws to return to normal position, so that the address plate can be removed.

TO CHANGE LINE SPACING

(Refer to figure on page 4)

Two different line spacings can be had on any one Graphotype carriage. To change line spacing, lift up and pull toward operator, lever HG-657, and shift either to left or right as may be desired.

SUGGESTIONS TO OPERATORS

Practice inserting address plate without looking at the carriage, at the same time memorizing the address. Learn to emboss the complete address plate without referring back to the copy. Practice moving the carriage to the right, after the address plate has been completed, and then removing the address plate from the carriage and inserting another simultaneously, using both hands to the best advantage. Practice locating the carriage in right position when embossing the 2nd, 3rd, or 4th lines of an address. To obtain the best results from an address plate the 2nd, 3rd, or 4th lines should be indented, for example:

S.T.BUCKINGHAM, 3609 WASHINGTON AVE., GRAND RAPIDS, MICH.
--

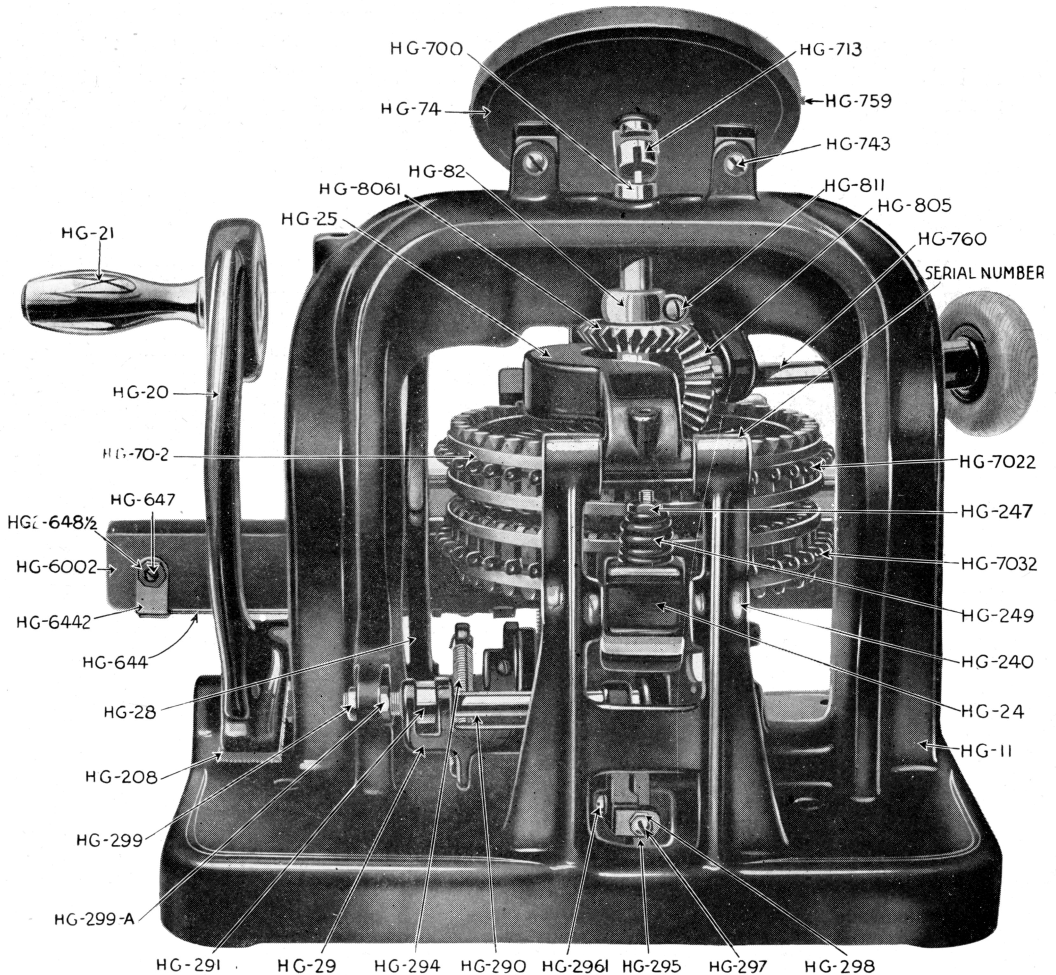


Figure 3

Rear view of 44 character capacity Graphotype

CLEANING DIES

Operator should frequently emboss all the characters on an address plate, and then make an inspection of the type to see that all of the characters are properly formed. Small chips of metal or dirt may lodge in the corners of the dies, causing the face of the type to be imperfectly formed. Any character showing this defect should have the die removed, so that it may be cleaned. If chips or dirt are found in the die, clamp the die in a small vise, and with the point of the tool (sent with the Graphotype) clean out the die. The point of the tool should be set directly into the die, not off at an angle. A firm tap with the palm of the hand or a light hammer will dislodge metal that has accumulated in the die. Care must be used not to scratch the face of the die with the tool. If you find oil in the face of the dies, wash them in gasoline or benzine, as the oil would prevent the characters from being raised to the standard height.

TO REMOVE DIES OR PUNCHES

To remove a die or punch, move the die head until the die or punch to be removed is at the rear of the Graphotype. Place the hook (that is sent with the Graphotype) in hole in the end of stripper lever HG-7022 for the die, or HG-7032 for the punch, shown in figure 3 on opposite page. If a die is to be taken out, first press down on lever; if a punch, press up on lever, and then pull out just far enough so that the die or punch can be lifted out of the die head. After inserting the die or punch be sure to push stripper lever back into place.

OILING

To keep your Graphotype in the best condition, it should be regularly lubricated. When in continuous operation, oil it once each day. A few drops of medium weight, best quality machine oil should be applied to all the moving parts and oil holes. These can be easily located by the operator. **CAUTION:** Oil must not get into the face of the dies, as this would prevent the characters from being raised to the standard height.

IN CASE OF ACCIDENT

Should your Graphotype, thru an accident or other cause, get out of order, write us explaining in detail the difficulty, and send with your communication, if possible, a sample address plate with all the characters embossed thereon for our inspection, and we will advise you promptly the necessary instructions to overcome your difficulty.

It is quite essential that the type on the address plate is properly formed so as to obtain the best results from the Addressograph. We urge that the operator occasionally send us a sample address plate with every character embossed thereon for our inspection, and in the event we find that the results you are obtaining can be improved, we will gladly write you the necessary instructions. When writing, always give the serial number of the Graphotype, location of which is shown in figures on pages 3, 4 and 6—figures 1, 2 and 3.

Part Two

INSTRUCTIONS FOR OPERATING G1 GRAPHOTYPE 56 and 80 CHARACTER CAPACITY

SETTING UP OF GRAPHOTYPE

After you have uncrated the Graphotype, thoroughly wipe off the heavy oil that has been applied to the nicked and bright parts to prevent rust during transit. The heavy oil can be easily and quickly removed by using a little gasoline or benzine on a piece of cloth. Particular attention is called to cleaning the carriage rail HG2-6006, figure 5, page 10. This rail must be absolutely free from particles of dirt. Use a non-lint cloth. Dirt or lint must not get onto any parts of the machine.

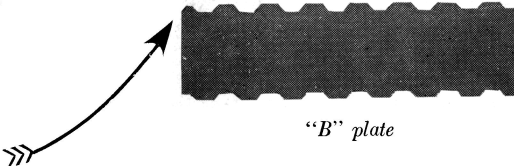
Refer to figure 4 on opposite page. Assemble the stand by bolting legs HG2-13 and HG2-14 and brace HG2-15 together—use the hexagon head screws. Then fasten the top of the stand on the legs, using the fillister head nickel plated screws. Now set the machine on the stand and fasten it, with the round head bolts HG2-112 shown in figure on opposite page. Place tray HG2-140 in position, as shown in figure. The tray should be fastened firmly with screw that is to be inserted from under side thru center hole in base. Operating wheel HG2-830 should be placed on end of the shaft, as shown in figure. This wheel is fastened to the shaft by means of a taper pin. The wheel should be attached correctly, so that the tapered holes in the hub of the wheel and in the shaft will line up properly for the taper pin. To determine that the holes are in alignment, insert the taper pin with the fingers, and if the pin extends very nearly thru the entire hub it indicates that the holes are lined up. Tap the larger end of the pin a few times with a small hammer, so as to seat it securely. The Graphotype is now ready for operation.

OPERATING

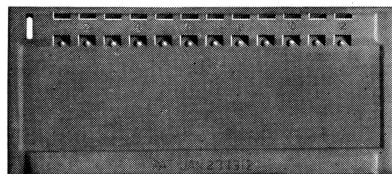
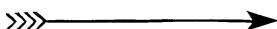
INSERTING ADDRESS PLATES IN CARRIAGE

(Refer to figure 5, page 10)

Place a box of blank address plates in the tray at the right. Open the jaws of the carriage by pulling forward on lever HG-68-1, and then push it down. The address plate should be inserted down into the jaws as far as possible, and brought to the left against gauge HG-6296. If you use style "B" plates, have the tapered edge at the upper left hand corner, like this:



If you have style "C" plates, insert plate with sockets for tabs to the top, and top of plate toward operator, like this:



After the address plate has been placed in the jaws in correct position, raise lever HG-68-1 up and toward the machine. This throws the jaws, together with the address plate, into embossing position.

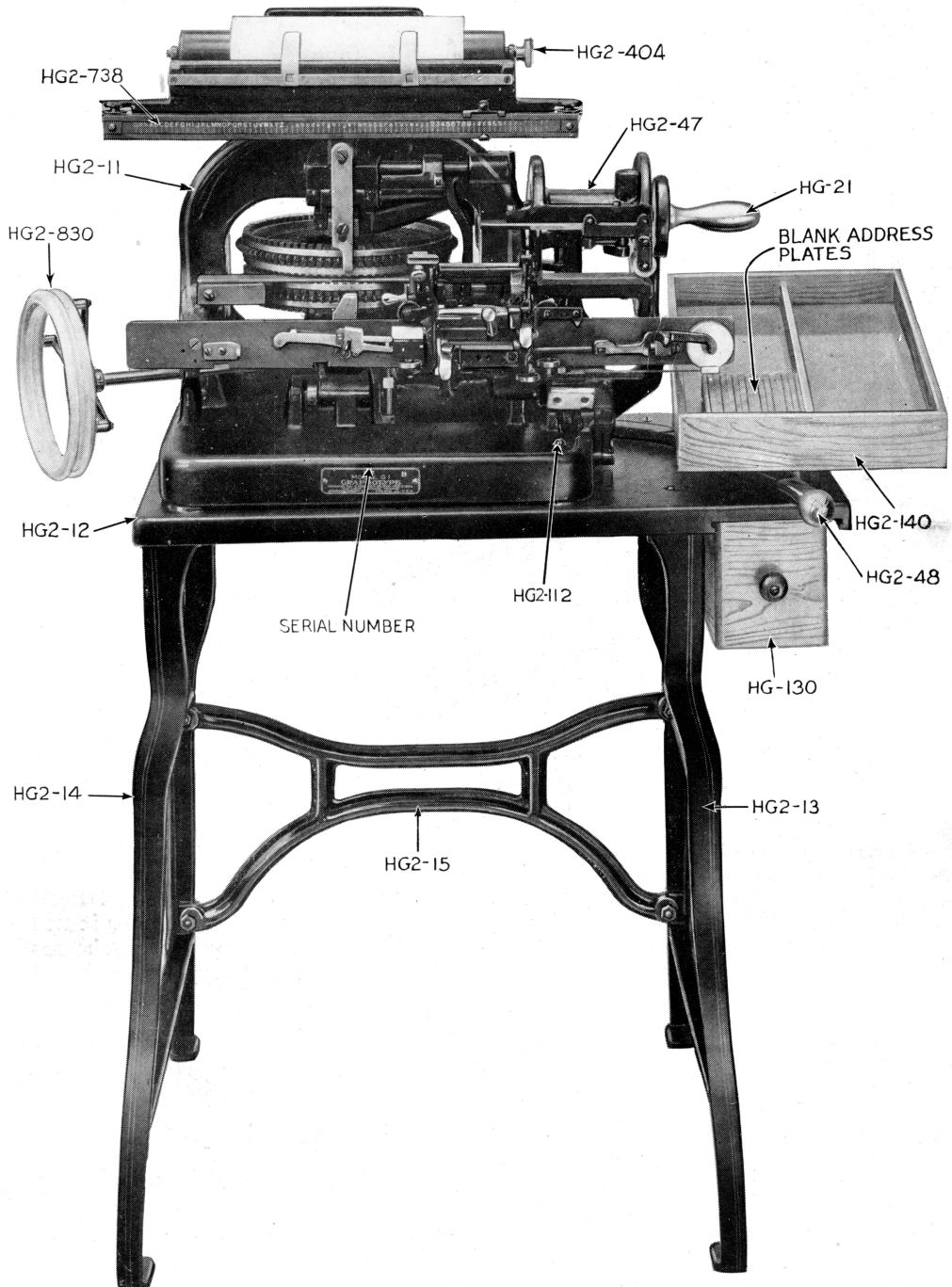


Figure 4

View of 56 or 80 character capacity Graphotype completely set up

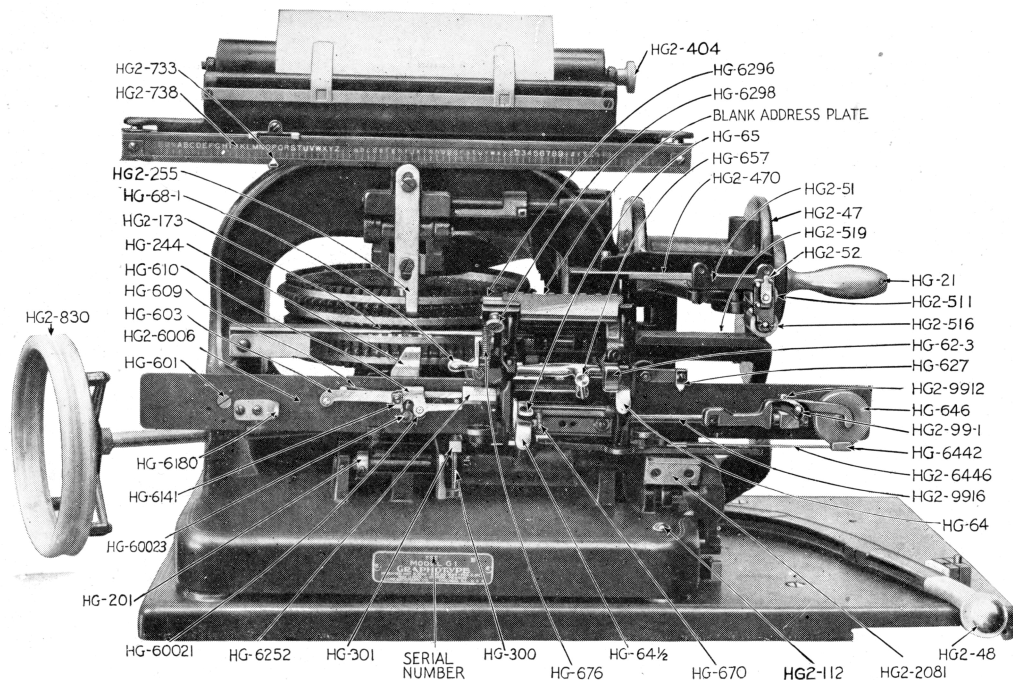


Figure 5

Front view of 56 or 80 character capacity Graphotype

EMBOSSING

(Refer to figure above)

Place the index finger under hook HG-64 $\frac{1}{2}$, pressing down with the thumb on lever HG-65, and roll carriage to the left as far as it will go. With the left hand turn wheel HG-830, thereby bringing the pointer on indicator bar HG-2-738 to the character desired. With the right hand, grasp the operating handle HG-21 and give it a quick pull forward, toward the operator, as far as it will go. Then return the lever back to original position. This movement embosses a character on the address plate. **CAUTION:** The Graphotype is equipped with a safety stop, which will prevent the operator from making a partial stroke with the operating lever HG-21. It is therefore necessary that when a stroke of the operating lever is once started, it must be completed. Otherwise, the lever cannot be brought back to the original position.

SPACING BETWEEN LETTERS

Simply pull forward on operating handle HG-21 approximately two inches, and then move it back to its original position. This will cause the carriage to move one space without embossing a character on the address plate.

LINE STARTING POINT

(Refer to figure above)

When it is desired to move the carriage back and forth to any position, place the index finger under hook HG-64 $\frac{1}{2}$, pressing down on thumb lever

HG-65, which will unlock the carriage so that it can be shifted to any point. **IMPORTANT:** Operator should never force the carriage to any position without first pressing down on thumb lever HG-65.

LINE SPACING

Place the index finger under hook HG-64, and with thumb push back on line space frame HG-62-3, one notch for the next line. When the lower line of type is completed (IF GRAPHOTYPE HAS PLATE ROLLER ATTACHMENT, OMIT THE FOLLOWING AND READ UNDER HEADING "PLATE ROLLER ATTACHMENT"), return carriage to the right, and raise up on lever HG-657, which will cause the carriage jaws to return to normal position, so that the address plate can be removed.

PLATE ROLLER ATTACHMENT

(Refer to figure 5, page 10)

THE PLATE ROLLER ATTACHMENT IS NECESSARY ONLY FOR CERTAIN REQUIREMENTS AND IS THEREFORE AN EXTRA ATTACHMENT. IT WILL NOT BE FOUND ON YOUR GRAPHOTYPE UNLESS IT WAS ORDERED.

When the address has been completely embossed, press lever HG2-99-1 to the left and roll carriage to the right as far as it will go. Now take hold of lever HG2-48 and pull it to the left as far as you can, and bring it back again to its original position. This movement will roll the address plate. One stroke is all that is needed. Move the carriage to the left only far enough for lever HG2-9916 to hold it in position in order to remove the address plate. Lift up on lever HG-657, which will cause the carriage jaws to return to normal position, so that the address plate can be removed.

NOTE: The Plate Roller Attachment is not intended for the purpose of entirely rolling and blanking down characters on obsolete address plates, so that the address plates may be again used. The function of the Plate Roller is to roll the face of the type on the address plates so as to make all characters of a standard height. The rolls on the Plate Roller Attachment have been carefully adjusted in our factory. Do not attempt to readjust them (other than mentioned under heading of "To Adjust Plate Roller Attachment") without first writing us and sending with your communication a sample address plate with all characters embossed thereon, and which has been rolled.

TO ADJUST PLATE ROLLER ATTACHMENT

The Plate Roller is adjustable to roll either zinc or alloy address plates. When rolling alloy plates, lever HG2-52, figure 5, page 10, should point down so that the word "alloy" on the lever is readable. When rolling zinc plates lever should point up, so that the word "zinc" is readable.

TO CHANGE LINE SPACING

(Refer to figure 5, page 10)

Two different line spacings can be had on any one Graphotype carriage. To change line spacing, lift up and pull toward operator lever HG-657, and shift either to left or right as may be desired.

SAFETY DEVICE

The Graphotype is equipped with a safety device to prevent dies and punches from being brought together without an address plate between them. This device operates automatically. When carriage is to the right the dies and punches cannot be made to come together. When address plate is placed in the carriage jaws and the carriage rolled to the left, this unlocks the safety which allows dies and punches to come together, embossing a character. Operator should never operate the Graphotype, bringing the dies and punches together, without there being an address plate between them.

SUGGESTIONS TO OPERATORS

Practice inserting address plate without looking at the carriage, at the same time memorizing the address. Learn to emboss the complete address plate without referring back to the copy. Practice moving the carriage to the right, after the address plate has been completed, and then removing the address plate from the carriage and inserting another simultaneously, using both hands to the best advantage. Practice locating the carriage in right position when embossing the 2nd, 3rd, or 4th lines of an address. To obtain the best results from an address plate the 2nd or 3rd line should be indented, for example:

S. T. Buckingham,
3609 Washington Ave.,
Grand Rapids, Mich.
Dear Sir:

CLEANING DIES

Operator should frequently emboss all the characters on an address plate, and then make an inspection of the type to see that all of the characters are properly formed. Small chips of metal or dirt may lodge in the corners of the dies, causing the face of the type to be imperfectly formed. Any character showing this defect should have the die removed, so that it may be cleaned. If chips or dirt are found in the die, clamp the die in a small vise, and with the point of the tool (sent with the Graphotype) clean out the die. The point of the tool should be set directly into the die, not off at an angle. A firm tap with the palm of the hand or a light hammer will dislodge metal that has accumulated in the die. Care must be used not to scratch the face of the die with the tool. If you find oil in the face of the dies, wash them in gasoline or benzine, as the oil would prevent the characters from being raised to the standard height.

TO REMOVE DIES OR PUNCHES

To remove a die or punch, move the die head until the die or punch to be removed is at the rear of the Graphotype. Place the hook (that is sent with the Graphotype) in hole in the end of stripper lever HG-7022 for the die, or HG-7032, for the punch, shown in figure 6, page 13. If a die is to be taken out, first press down on lever; if a punch, press up on lever, and then pull out just far enough so that the die or punch can be lifted out of the die head. After inserting the die or punch be sure to push stripper lever back into place.

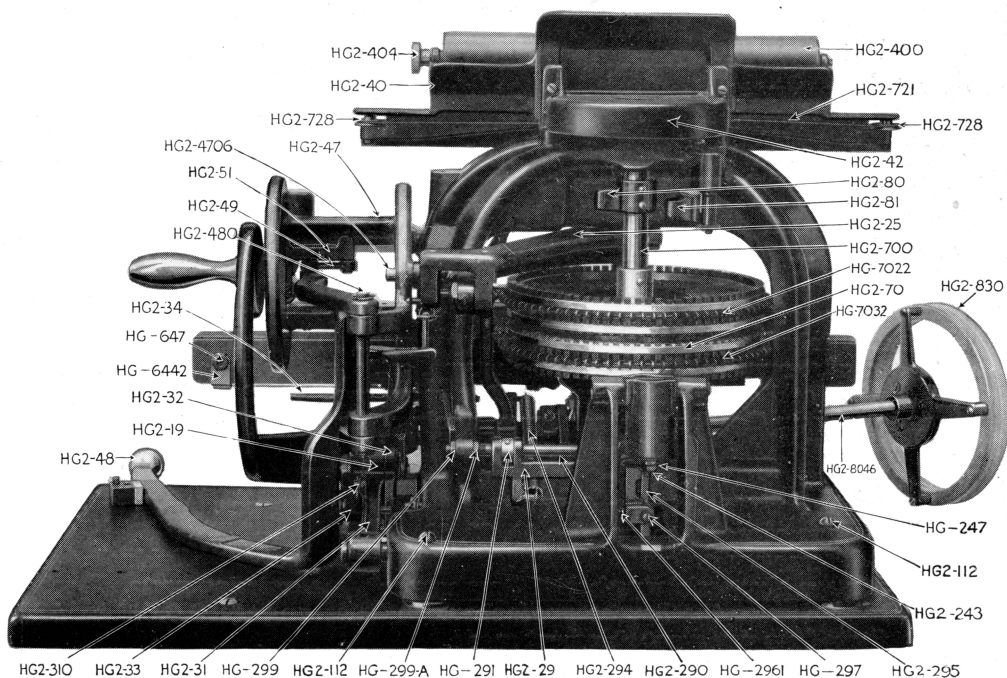


Figure 6

Rear view of 56 or 80 character capacity Graphotype

OILING

To keep your Graphotype in the best condition, it should be regularly lubricated. When in continuous operation, oil it once each day. A few drops of medium weight, best quality machine oil should be applied to all the moving parts and oil holes. These can be easily located by the operator. **CAUTION:** Oil must not get into the face of the dies, as this would prevent the characters from being raised to the standard height.

IN CASE OF ACCIDENT

Should your Graphotype, thru an accident or other cause, get out of order, write us explaining the difficulty in detail, and send with your communication, if possible, a sample address plate with all the characters embossed thereon for our inspection, and we will advise you promptly the necessary instructions to overcome your difficulty.

It is quite essential that the type on the address plate is properly formed so as to obtain the best results from the Addressograph. We urge that the operator occasionally send us a sample address plate with every character embossed thereon for our inspection, and in the event we find that the results you are obtaining can be improved, we will gladly write you the necessary instructions. When writing, always give the serial number of the Graphotype, location of which is shown in figures 4 and 5 on pages 9 and 10.

INSTRUCTIONS FOR ORDERING PARTS

The Model G-1 Graphotype may be furnished equipped with 44, 56 or 80 characters. First determine the character capacity of your Graphotype. The 44 character Graphotype can be distinguished by the circular character dial HG-751, as shown on page 3. The 56 or 80 character Graphotype may be distinguished by the long character strip HG2-738, as shown on page 9.

Some parts are similar in appearance for the 44, 56 and 80 character capacity Graphotypes. In such cases you will find but one illustration and two or more part numbers shown under the illustrated part. To determine the correct number of part required for your Graphotype, refer to illustration and then to the parts list and specify the part number corresponding with the number of characters in your Graphotype, as shown in column headed "Number of Characters Capacity."

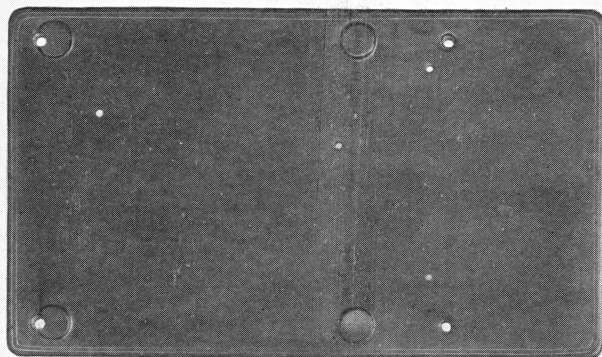
When the part is the same for all model G-1 Graphotypes, it will so state in the character capacity column (as 44, 56, 80).

1. Address your orders to the Addressograph Co.—not to individuals.
2. Always give serial number of Graphotype when ordering parts. Location of the number on the Graphotype is shown in figures on pages 3, 4, 6, 9 and 10.
3. State how you want shipment made.
4. Sign name under which your account is carried by the Addressograph Co., and not the name of an individual.
5. When ordering address plates specify whether you want zinc or alloy.
6. Order for parts should be written separately from correspondence pertaining to other matters.

TELEGRAPHIC CODE

In telegraphing an order for parts, start with the code, telling us how to ship; then use the code word and number for the part wanted, stating the amount required, and then give serial number of your Graphotype.

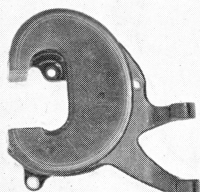
Oauca—Ship quickest route
Oave —Ship by express
Oavia —Ship by express to
Oaya —Ship by freight
Oazar —Ship by freight to
Oazul —Ship by mail
Obala —Add to our order of



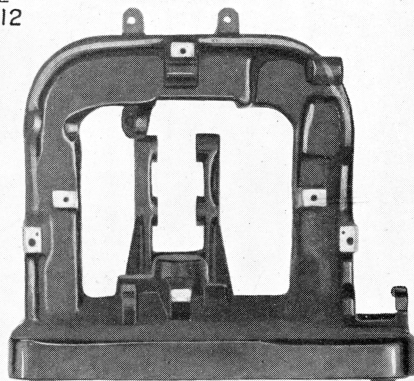
HG-12
HG2-12



HG-999
HG2-999



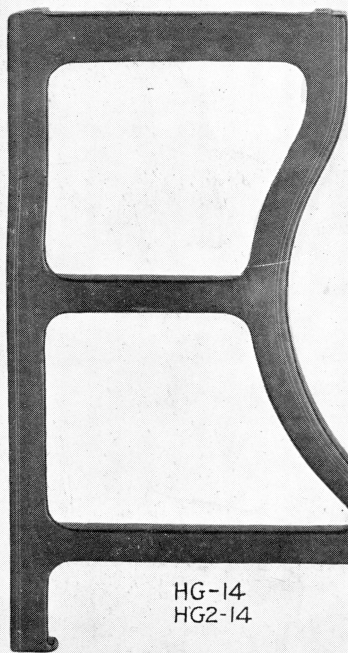
HG2-47



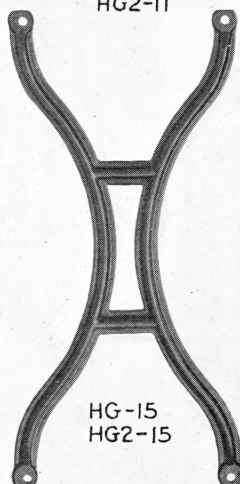
HG-11
HG2-11



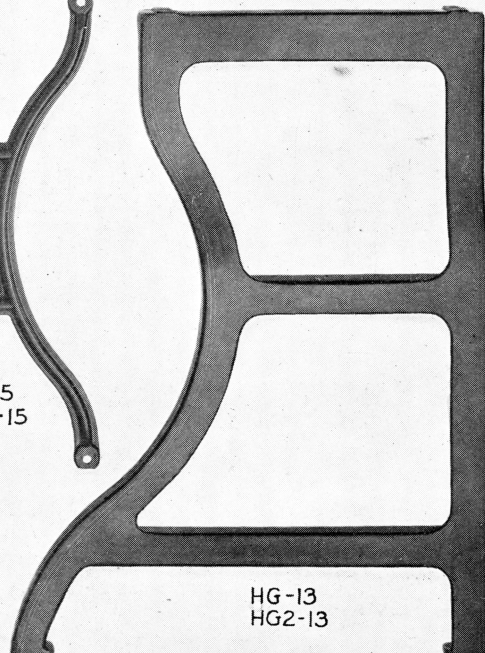
HG2-48



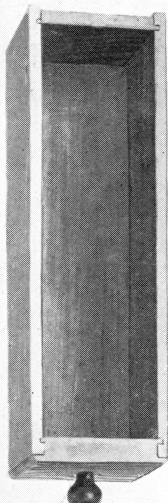
HG-14
HG2-14



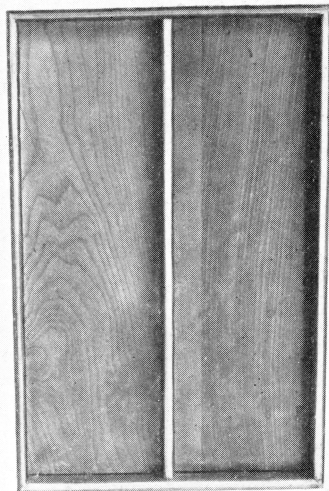
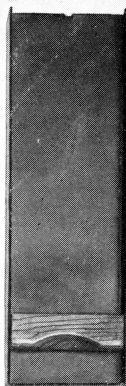
HG-15
HG2-15



HG-13
HG2-13



HG-130

HG-140
HG2-140

HG-155



HG2-145



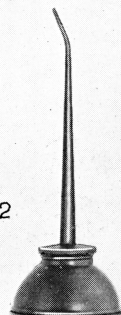
HG-143



HG-142



HG-147



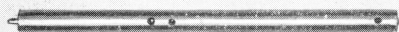
HG2-146



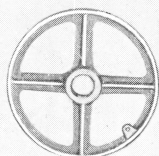
HG-129

HG-18
HG2-18

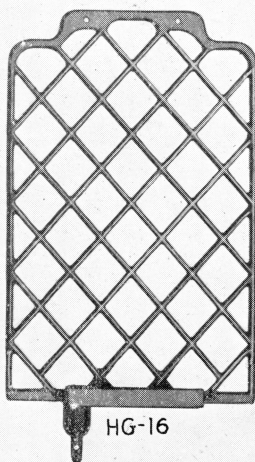
HG-164

HG-700
HG2-700

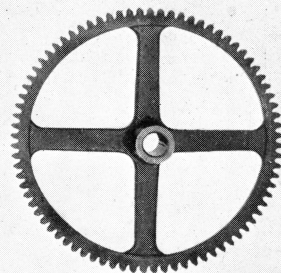
HG2-42



HG2-73



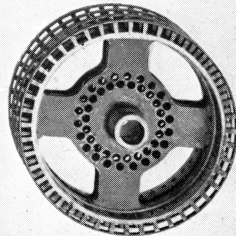
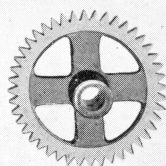
HG-16

HG-114
HG-115
HG2-171
HG2-172
HG2-173HG2-53
HG2-53-5

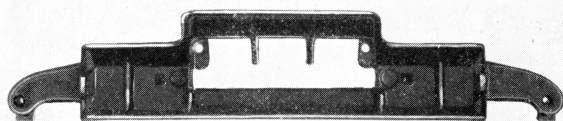
HG2-400



HG2-41

HG2-70
HG-70-2
HG2-70-5

HG-73



HG2-40



HG-200
HG2-200



HG-290
HG2-290



HG-210
HG2-210



HG2-294



HG-294



HG-270
HG2-270



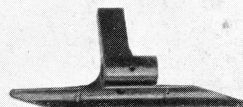
HG-26



HG-21



HG2-33



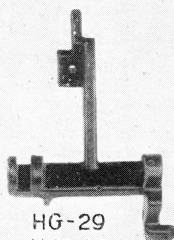
HG2-34



HG2-32



HG-23



HG-29
HG2-29



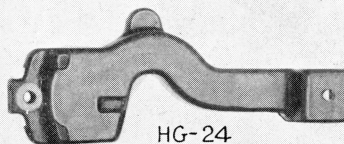
HG2-31



HG-28
HG2-28



HG-27



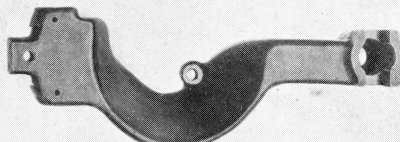
HG-24



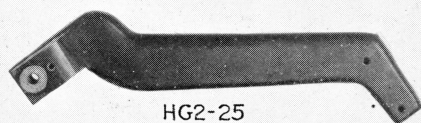
HG-25



HG-22



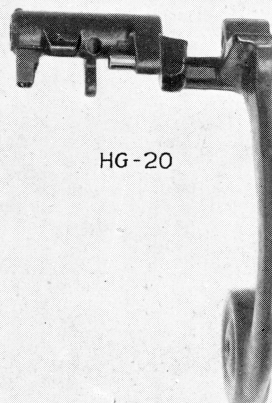
HG2-24



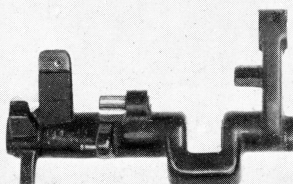
HG2-25



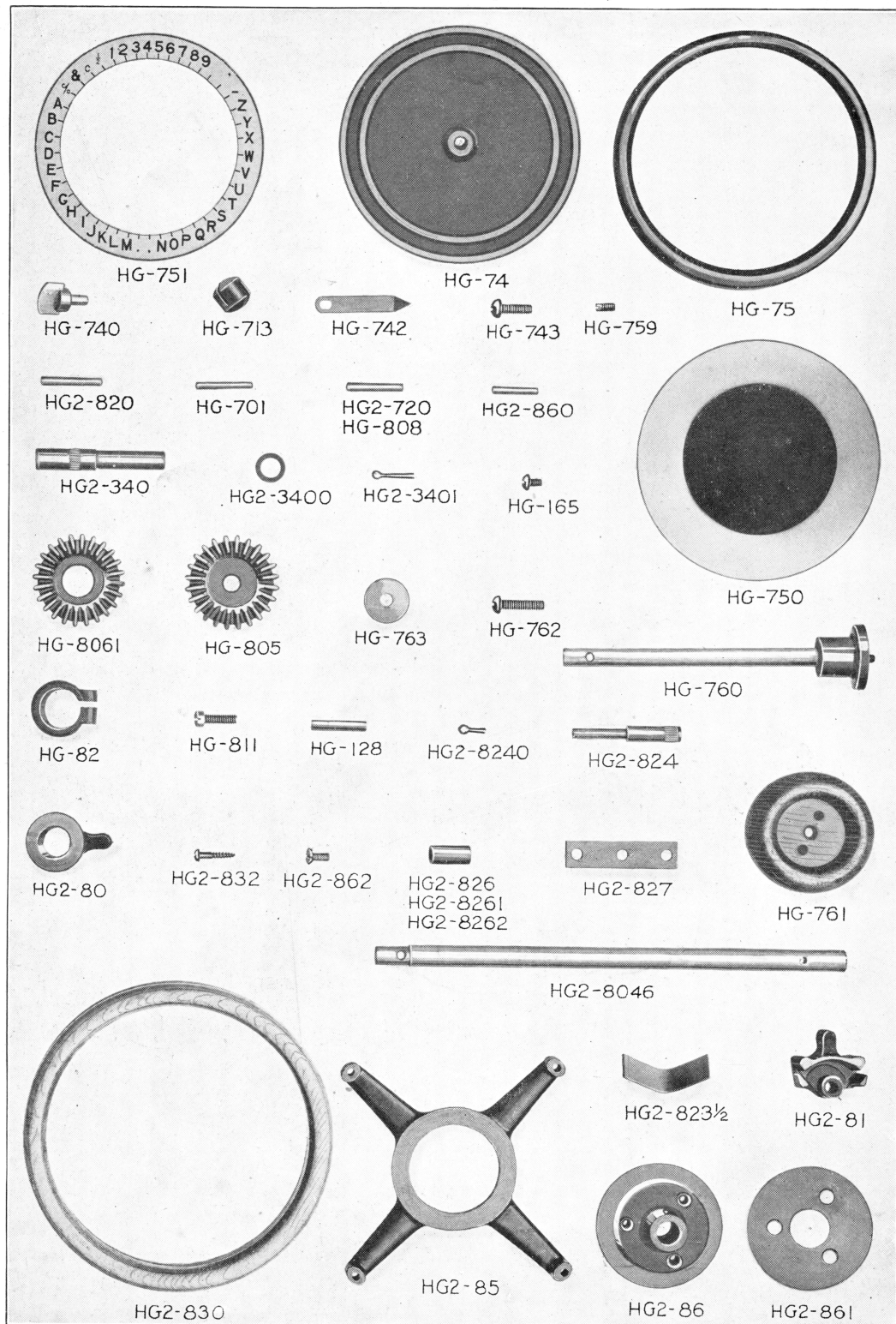
HG2-20



HG-20



HG2-19





HG-2281



HG-2081



HG2-2081



HG-208



HG-228



HG-116
HG2-178



HG-2290
HG-2291
HG-2292



HG-2090
HG-2091
HG-2092



HG-2082



HG-2083



HG-2203



HG2-408



HG-108



HG2-410



HG-2202



HG2-407



HG-2201



HG-109



HG2-404



HG2-420



HG2-409



HG2-403



HG2-4706



HG2-401



HG2-4061



HG2-520



HG2-510



HG2-513



HG2-512



HG2-52



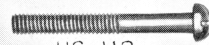
HG2-5110



HG2-514



HG2-406



HG-112
HG2-112



HG2-1120



HG-1121



HG-1101



HG-110



HG-121



HG-120



HG-150



HG-151



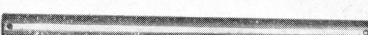
HG2-4802



HG2-5013



HG2-4801



HG2-480



HG2-5100



HG2-5101



HG2-483



HG2-482



HG2-481



HG2-4701



HG2-4702



HG2-485



HG2-4831



HG2-470



HG2-517



HG2-4704



HG2-4703



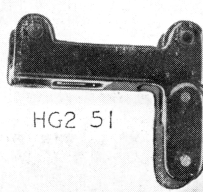
HG2-519



HG2-511



HG2-516



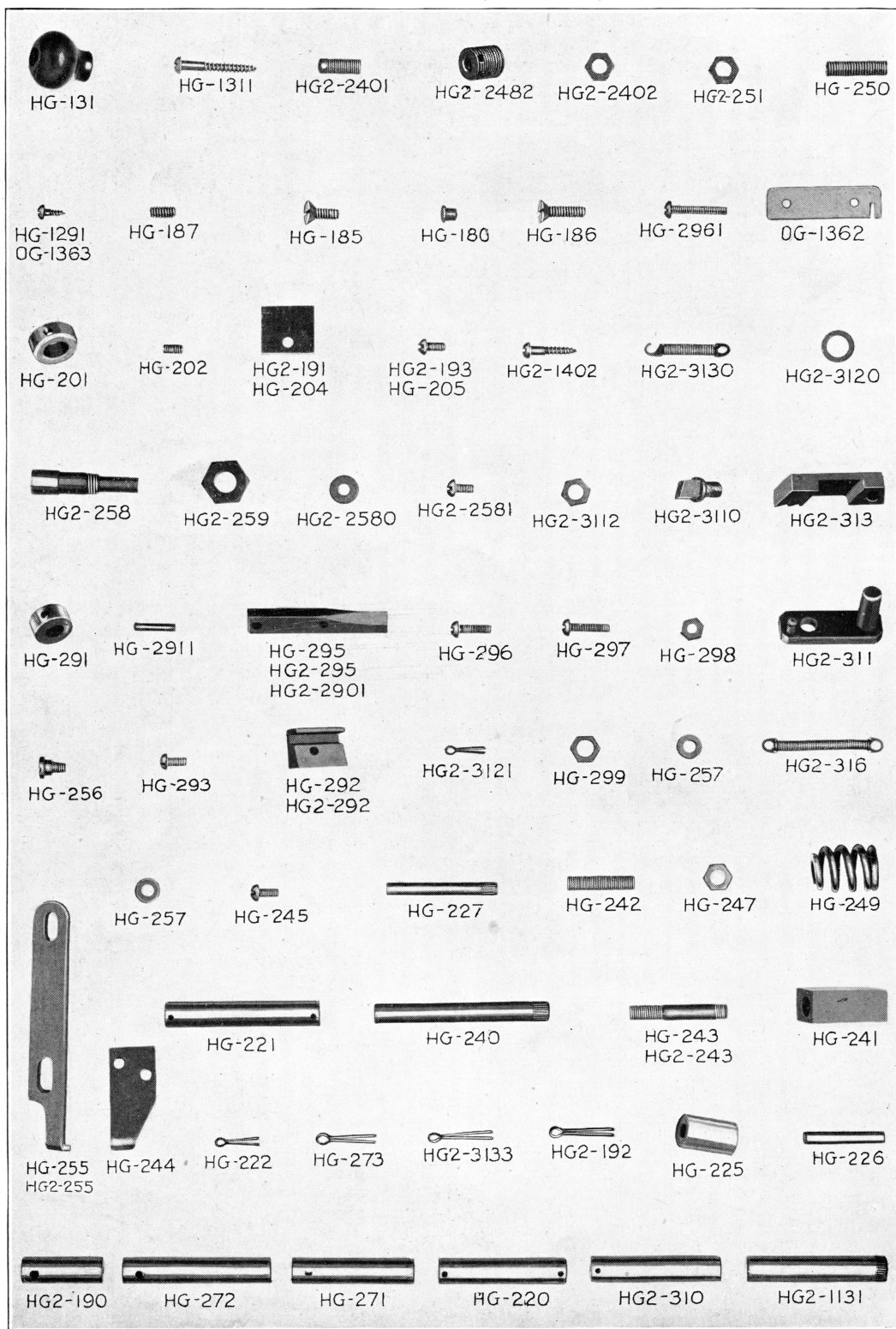
HG2 51



HG2-502



HG2-49



HG2-725

HG2-739

HG2-738
HG2-7385



HG2-728



HG2-722



HG2-742



HG2-7291



HG2-721



HG2-733



HG2-74



HG-710



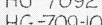
HG-7091



HG-7081



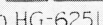
HG-7082



HG-7092



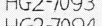
HG-70810



HG-6251



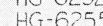
HG-6258



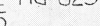
HG2-7093



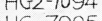
HG2-7083



HG-6252



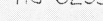
HG-6259



HG2-7094



HG2-7084



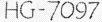
HG-6255



HG-7095



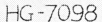
HG-7085



HG-7096



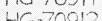
HG-7086



HG-7097



HG-7087



HG-7098



HG-7088



HG-70911



HG-70811



HG-70912



HG-70812



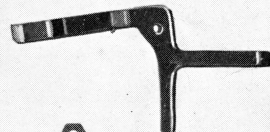
HG2-793



HG2-9920



HG2-729



HG2-991



HG2-9916



HG2-9917



HG-706



HG2-9918



HG2-9921



HG2-9922



HG-6181



HG-6180



HG-620



HG2-9910



HG2-9911



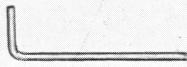
HG2-9915



HG2-9912



HG-30



HG-300



HG-303



HG-301



HG-302



HG2-304



HG-6471



HG-60025



HG-60024



HG-60023



HG-60022



HG-607



HG2-606



HG-609



HG-649 1/2



HG2-648 1/2



HG-608



HG-60021



HG-615 1/2



HG-6141



HG-613



HG-617



HG-619



HG-648



HG-647



HG-603



HG-610



HG-602



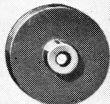
HG-601



HG-6442



HG-649

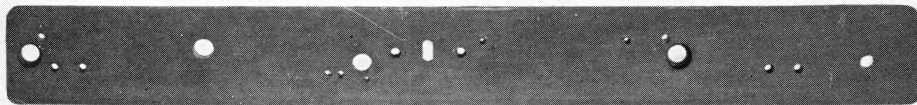


HG-646



HG-644

HG2-6446



HG-6002
HG2-6002
HG2-6006


 HG-926


 HG-930


 HG-936


 HG-925


 HG-929


 HG-937


 HG-917


 HG-6763


 HG-6760


 HG-616


 HG-6764


 HG-9201


 HG-632


 HG-905


 HG-927


 HG-906


 HG-907


 HG-623


 HG-653


 HG-663


 HG-928


 HG-628


 HG-627


 HG-62962


 HG-6298


 HG-6650


 HG-660


 HG-920


 HG-9202


 HG-688


 HG-6444


 HG-62961


 HG-6296


 HG-61


 HG-6295


 HG-670


 HG-6761


 HG-666


 HG-640


 HG-6503


 HG-6752


 HG-935


 HG-635


 HG-639


 HG-921


 HG-676


 HG-642


 HG-6513


 HG-634


 HG-637


 HG-638


 HG-633


 HG-636


 HG-974


 HG-657


 HG-64½


 HG-64

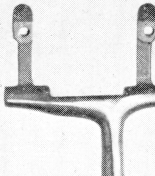

 HG-672

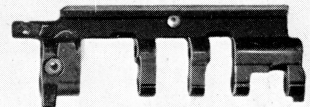

 HG-671


 HG-667


 HG-9153

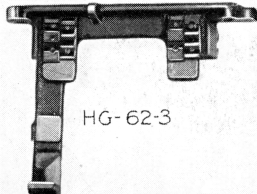

 HG-65

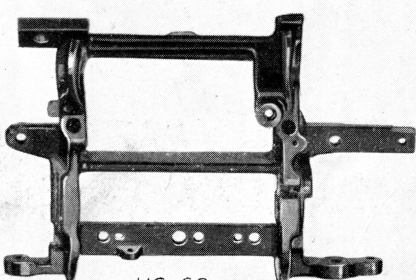

 HG-63-3

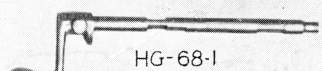

 HG-67-3
 HG-67-4
 HG-67-5
 HG-67-7
 HG-67-8
 HG-67-9
 HG-67-10


 HG-66-3
 HG-66-4
 HG-66-5
 HG-66-8
 HG-66-9
 HG-66-10


 HG-6791


 HG-62-3


 HG-60


 HG-68-1


 HG-6301
 HG-63021
 HG-63032
 HG-63035
 HG-63053

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Gabe	HG-11	Main Frame	44	\$31.50
Gabeb	HG2-11	Main Frame	56, 80	44.50
Gabec	HG-12	Table	44	10.40
Gabed	HG2-12	Table	56, 80	17.25
Gabef	HG-13	Right Leg	44	6.25
Gabeg	HG2-13	Right Leg	56, 80	6.25
Gabeh	HG-14	Left Leg	44	6.25
Gabej	HG2-14	Left Leg	56, 80	6.25
Gabek	HG-15	Brace	44	2.10
Gabel	HG2-15	Brace	56, 80	2.55
Gabem	HG-16	Copy Holder	44	2.15
Gabep	HG-18	Support for Die Head Shaft	44	.50
Gabeq	HG2-18	Support for Die Head Shaft	56, 80	.70
Gaber	HG2-19	Rocker for Lower Toggle	56, 80	2.20
Gabes	HG2-20	Hand Lever	56, 80	2.35
Gabet	HG-20	Hand Lever	44	3.50
Gabev	HG-21	Grip Handle on No. 20	44, 56, 80	.50
Gabew	HG-22	Lower Toggle Rocker	44, 56, 80	1.15
Gabex	HG-23	Lower Toggle Link	44, 56, 80	.60
Gabey	HG-24	Punch Arm	44	2.75
Gabez	HG2-24	Punch Arm	56, 80	3.75
Gaby	HG-25	Die Arm	44	2.00
Gabyb	HG2-25	Die Arm	56, 80	2.45
Gabyc	HG-26	Toggle Link, Upper	44, 56, 80	.70
Gabyd	HG-27	Toggle Rocker, Upper	44, 56, 80	1.00
Gabyf	HG-28	Connecting Link	44	.90
Gabyg	HG2-28	Connecting Link	56, 80	.90
Gabyh	HG-29	Register Rocker	44	1.15
Gabyhh	HG2-29	Register Rocker	56, 80	1.25
Gabyj	HG-30	Guide for Spacing Rod	44, 56, 80	.30
Gabyk	HG2-31	Lower Toggle Arm	56, 80	.85
Gabyl	HG2-32	Upper Toggle Arm	56, 80	.75
Gabym	HG2-33	Link for Hand Lever	56, 80	.55
Gabyo	HG2-34	Safety Stop	56, 80	.55
Gabyp	HG2-40	Copy Holder and Support for Indicator Bar	56, 80	4.25
Gabyr	HG2-41	Copy Feed Roll Support	56, 80	.60
Gabys	HG2-42	Cover for Indicator Cord Drum	56, 80	1.45
Gabyt	HG2-47	Main Frame for Plate Roller	56, 80	8.00
Gabyv	HG2-48	Operating Lever for Plate Roller	56, 80	2.65
Gabyx	HG2-49	Link for No. 50 and No. 51	56, 80	.20
Gabyz	HG2-50	Truck for Plate Roller	56, 80	.90
Gacy	*HG2-51	Truck for Plate Roller	56, 80	.90
Gacyb	HG2-52	Handle on No. 510	56, 80	.20
Gacyc	HG2-53	Register Wheel	80	8.40
Gacyd	HG2-53-5	Register Wheel	56	7.00
Gacyf	HG-60	Carriage Frame	44, 56, 80	4.00
Gacyg	HG-61	Plate Stop for "H" Plates	44, 56, 80	.25
Gacyj	HG-62-3	Line Spacing Frame	44, 56, 80	3.95
Gacyk	HG-63-3	Line Spacing Lever	44, 56, 80	1.20
Gacyl	HG-64	Finger Hook on Carriage, Right	44, 56, 80	.40
Gacyn	HG-64 $\frac{1}{2}$	Finger Hook on Carriage, Left	44, 56, 80	.40
Gacyo	HG-65	Carriage Release Lever	44, 56, 80	.90
Gacyp	HG-66-3	Plate Jaw, Upper for "B" and "Q" Plates	44, 56, 80	1.65
Gacyr	HG-66-4	Plate Jaw, Upper for "N" and "L" Plates	44, 56, 80	1.65
Gacys	HG-66-5	Plate Jaw, Upper for "C" Plates	44, 56, 80	1.65
Gacyt	HG-66-8	Plate Jaw, Upper for "Y" Plates	44, 56, 80	1.65
Gacyv	HG-66-9	Plate Jaw, Upper for "R" and "S" Plates	44, 56, 80	1.65
Gacyx	HG-66-10	Plate Jaw, Upper for "D" Plates	44, 56, 80	1.65
Gacyz	HG-67-3	Plate Jaw, Lower for "B" and "Q" Plates	44, 56, 80	1.95
Gade	HG-67-4	Plate Jaw, Lower for "N" and "L" Plates	44, 56, 80	1.95
Gadeb	HG-67-5	Plate Jaw, Lower for "C" Plates	44, 56, 80	1.95
Gadec	HG-67-7	Plate Jaw, Lower for "B" and "T" Plates	44, 56, 80	1.95
Gaded	HG-67-8	Plate Jaw, Lower for "Y" Plates	44, 56, 80	1.95
Gadef	HG-67-9	Plate Jaw, Lower for 2 line section, "R" and "S" Plates	44, 56, 80	1.95

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Gadeg...	HG-67-10...	Plate Jaw, Lower for "D" Plates.	44, 56, 80	\$ 1.95
Gadeh...	HG-68-1...	Plate Jaw Rod and Handle	44, 56, 80	.90
Gadej...	HG2-70	Die Head	80	49.20
Gadek...	HG-70-2...	Die Head	44	40.80
Gadel...	HG2-70-5...	Die Head	56	43.60
Gadem...	HG-73	Register Wheel	44	2.50
Gadeo...	HG2-73	Indicator Cord Drum	56, 80	2.00
Gadep...	HG-74	Indicator Base	44	.95
Gadeq...	HG2-74	Indicator Pointer Slide	56, 80	.90
Gader...	HG-75	Indicator Ring	44	.65
Gades...	HG2-80	Cushion Stop Collar	56, 80	.55
Gadet...	HG2-81	Cushion Stop	56, 80	.60
Gadev...	HG-82	Clamp for Gear No. 8061	44, 56, 80	.40
Gadew...	HG2-85	Spider for Hand Wheel	56, 80	1.15
Gadex...	HG2-86	Spider Hub	56, 80	.95
Gadey...	HG2-99-1...	Carriage Stop for Plate Roller	56, 80	.60
Gadez...	HG-108	Name Plate	44, 56, 80	.10
Gady...	HG-109	Screw for No. 108	44, 56, 80	.03
Gadyb...	HG-110	Rubber Feet in No. 11	44, 56, 80	.12
Gadyc...	HG-112	Bolts for Clamping Machine to Table	44	.06
Gadycc...	HG2-112	Bolts for Clamping Machine to Table	56, 80	.07
Gadyd...	HG-114	Plate Support for B plates	44	.90
Gadyf...	HG-115	Plate Support for C plates	44	.90
Gadyg...	HG-116	Screws for HG-114 and 115	44	.06
Gadyh...	HG-120	Screw for No. 12 Table	44, 56, 80	.12
Gadyj...	HG-121	Nut on No. 120	44, 56, 80	.06
Gadyk...	HG-128	Dowel Pin in No. 140	44	.05
Gadyl...	HG-129	Drawer Guides	44, 56, 80	.15
Gadym...	HG-130	Tool Drawer	44, 56, 80	2.50
Gadyo...	HG-131	Drawer Knob	44, 56, 80	.06
Gadyp...	HG-140	Tray for address plates	44	2.15
Gadypp...	HG2-140	Tray for Address Plates	56, 80	2.15
Gadyq...	HG-142	Tool for Cleaning Dies	44, 56, 80	.20
Gadyr...	HG-143	Small Screw Driver	44	.20
Gadys...	HG2-145	Large Screw Driver	56, 80	.30
Gadyt...	HG2-146	Large Oil Can	56, 80	.25
Gadyv...	HG-147	Small Oil Can	44	.18
Gadyx...	HG-150	Screw for No. 15	44, 56, 80	.08
Gadyz...	HG-151	Nut on No. 150	44, 56, 80	.06
Gafe...	HG-155	Tray for "B" Plates	44, 56, 80	.55
Gafeb...	HG-164	Paper Clamp on No. 16	44	.50
Gafec...	HG-165	Screw for No. 164	44	.06
Gafed...	HG2-171	Plate Support for "B" Plates	56	1.20
Gafef...	HG2-172	Plate Support for "C" Plates	56, 80	1.20
Gafeg...	HG2-173	Plate Support for "B" Plates	80	1.20
Gafeh...	HG2-178	Screw for Nos. 171, 172 and 173	56, 80	.06
Gafej...	HG-180	Truss Button in No. 18	44, 56, 80	.12
Gafek...	HG-185	Screw for No. 18	44, 56, 80	.06
Gafel...	HG-186	Screw for No. 18	44, 56, 80	.06
Gafen...	HG-187	Adjusting Screw for No. 18	44, 56, 80	.06
Gafeo...	HG2-190	Connecting Pin for Nos. 19 and 32	56, 80	.35
Gafep...	HG2-191	Block on No. 19 driving No. 29	56, 80	.15
Gafeq...	HG2-192	Cotter Pin for No. 190	56, 80	.03
Gafer...	HG2-193	Screw for No. 191	56, 80	.03
Gafes...	HG-200	Shaft for No. 20	44	.50
Gafet...	HG2-200	Shaft for No. 19	56, 80	.50
Gafev...	HG-201	Collar on Shaft No. 200	44, 56, 80	.18
Gafex...	HG-202	Set Screw for No. 200 and No. 201 on No. 200	44, 56, 80	.05
Gafey...	HG-204	Driving Block on No. 20 for No. 29	44	.15
Gafyb...	HG-205	Screw for No. 204	44	.03
Gafyc...	HG-208	Rear Felt Stop on No. 20 (small)	44	.16
Gafyd...	HG-210	Pin for No. 21	44	.25
Gafyf...	HG2-210	Pin for No. 21	56, 80	.25
Gafyg...	HG-220	Lower Toggle Pin (short)	44, 56, 80	.55
Gafyj...	HG-221	Lower Toggle Pin (long)	44, 56, 80	.60

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters	Price
			Capacity	
Gafyk...	HG-222	Cotter Pin in Nos. 220 and 221	44, 56, 80	\$0.03
Gafyl...	HG-225	Toggle Rollers in Nos. 22 and 23	44, 56, 80	.40
Gafym...	HG-226	Toggle Roller Pin (short)	44, 56, 80	.12
Gafyo...	HG-227	Toggle Roller Pin (long)	44, 56, 80	.15
Gafyp...	HG-228	Rear Felt Stop on No. 22 (small)	44, 56, 80	.12
Gafyq...	HG-240	Pivot Pin for HG-24, HG2-24, and HG-25	44, 56, 80	.18
Gafyr...	HG-241	Pivot Block for No. 24	44, 56, 80	.35
Gafys...	HG-242	Punch Adjusting Screw in No. 24	44, 56, 80	.18
Gafyt...	HG-243	Stud in No. 24 for No. 249	44	.15
Gafyv...	HG2-243	Stud in No. 241 for No. 249	56, 80	.18
Gafyx...	HG-244	Punch Stripper	44, 56, 80	.35
Gafyz...	HG-245	Screw for No. 244	44, 56, 80	.05
Gage...	HG-247	Lock Nut on Nos. 242 and 243	44, 56, 80	.05
Gageb...	HG-249	Compression Spring for No. 24	44, 56, 80	.18
Gagec...	HG-250	Die Adjusting Screw	44, 56, 80	.18
Gaged...	HG2-251	Lock Nut on No. 250	44, 56, 80	.05
Gagef...	HG-255	Die Stripper	44	.60
Gagegg...	HG2-255	Die Stripper	56, 80	.65
Gageg...	HG-256	Screw for No. 255	44, 56, 80	.10
Gageh...	HG-257	Washer on Nos. 256 and 296	44, 56, 80	.05
Gagej...	HG2-258	Pivot Pin for No. 25	56, 80	.30
Gagek...	HG2-259	Nut on No. 258	56, 80	.10
Gagel...	HG-270	Shaft for No. 27	44	.35
Gagell...	HG2-270	Shaft for No. 27	56, 80	.40
Gagem...	HG-271	Pin for No. 26 (short)	44, 56, 80	.50
Gageo...	HG-272	Pin for No. 26 (long)	44, 56, 80	.60
Gagep...	HG-273	Cotter Pin for Nos. 271 and 272	44, 56, 80	.03
Gager...	HG-290	Shaft for Register Rocker 29	44	.25
Garerr...	HG2-290	Shaft for Register Rocker	56, 80	.40
Gages...	HG-291	Collar on No. 290	44, 56, 80	.15
Gaget...	HG-292	Block on No. 29	44	.35
Gagev...	HG2-292	Block on No. 29	56, 80	.35
Gagew...	HG-293	Screw for Nos. 292, 240 and 204	44, 56, 80	.05
Gagex...	HG2-294	Spring for No. 29	56, 80	.30
Gagey...	HG-294	Spring for No. 29	44	.25
Gagez...	HG-295	Register Pawl on No. 29	44	.40
Gagy...	HG2-295	Register Pawl on No. 29	80	.40
Gagyb...	HG-296	Screw for Nos. 30 and 295	44, 56, 80	.06
Gagyc...	HG-297	Adjusting Screw for No. 295	44, 56, 80	.05
Gagyd...	HG-298	Lock Nut on No. 297	44, 56, 80	.03
Gagyf...	HG-299	Lock Nut on No. 290	44, 56, 80	.12
Gagyg...	HG-300	Spacing Rod in No. 30	44, 56, 80	.12
Gagyj...	HG-301	Block on No. 300	44, 56, 80	.15
Gagyk...	HG-302	Screw for No. 301	44, 56, 80	.05
Gagyl...	HG-303	Spring on No. 300	44, 56, 80	.08
Gagyo...	HG2-304	Screw for No. 30	56, 80	.05
Gagyp...	HG2-310	Pin in Nos. 31, 32, 33 and 45	56, 80	.40
Gagyr...	HG2-311	Pawl on Lower Toggle Arm No. 31 for Safety Stop	56, 80	.40
Gagys...	HG2-313	Ratchet for Safety on No. 11	56, 80	.45
Gagyt...	HG2-316	Spring for No. 311	56, 80	.10
Gagyv...	HG2-340	Pivot Stud for No. 34	56, 80	.18
Gagyx...	HG2-400	Roll for Copy Holder, Upper	56, 80	.75
Gagyz...	HG2-401	Roll for Copy Holder, Lower	56, 80	.10
Gahe...	HG2-403	Pivot Stud for No. 400, in left end	56, 80	.10
Gaheb...	HG2-404	Knob on No. 400 in right end	56, 80	.20
Gahec...	HG2-406	Bar on No. 40	56, 80	.18
Gahed...	HG2-407	Screw for No. 406	56, 80	.05
Gahcf...	HG2-408	Shaft for No. 401	56, 80	.05
Gahcg...	HG2-409	Screw for No. 40	56, 80	.06
Gahch...	HG2-410	Spring for No. 41	56, 80	.10
Gahcj...	HG2-420	Screw for No. 42	56, 80	.06
Gahck...	HG2-470	Pressure Block in No. 47, Upper	56, 80	2.00
Gahcl...	HG2-471	Pressure Block in No. 47, Lower	56, 80	1.50
Gahcn...	HG2-480	Shaft for No. 48	56, 80	.20
Gahco...	HG2-481	Dowel Pin for No. 482	56, 80	.08
Gahcp...	HG2-482	Stop Block for No. 48	56, 80	.30

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Gaher...	HG2-483	Felt Stop on No. 482.....	56, 80.....	\$0.15
Gahes...	HG2-485	Stop Pin in No. 12 for Plate Roller Operating Lever No. 48.....	56, 80.....	.18
Gahet...	HG2-502	Screw in Nos. 50 and 51 for No. 49.....	56, 80.....	.10
Gahew...	*HG2-510	Upper Shaft for No. 511.....	56, 80.....	.35
Gahew...	†HG2-511	Upper Roller.....	56, 80.....	.85
Gahex...	HG2-512	Taper Pin for Nos. 52, 511 and 5110.....	56, 80.....	.05
Gahey...	HG2-513	Bushing for No. 510, Front.....	56, 80.....	.07
Gahez...	HG2-514	Spring for No. 52.....	56, 80.....	.08
Gahy...	†HG2-516	Lower Roller for "B" Plates.....	56, 80.....	.70
Gahyb...	#HG2-517	Lower Shaft for No. 516.....	56, 80.....	.18
Gahyc...	xHG2-519	Pressure Block in No. 47, Lower.....	56, 80.....	1.75
Gahyd...	HG2-520	Stop Pin for No. 52.....	56, 80.....	.07
Gahyf...	HG-601	Screw for No. 6002.....	44, 56, 80.....	.12
Gahyg...	HG-602	Dowel Pin for No. 6002.....	44, 56, 80.....	.04
Gahyj...	HG-603	Carriage Release Lever.....	44, 56, 80.....	.40
Gahyk...	HG2-606	Cotter Pin in Nos. 603 and 610.....	44, 56, 80.....	.03
Gahyl...	HG-607	Washer on Nos. 603 and 610.....	44, 56, 80.....	.03
Gahym...	HG-608	Bushing for No. 603.....	44, 56, 80.....	.10
Gahyo...	HG-609	Spring for Nos. 603 and 610.....	44, 56, 80.....	.06
Gahyp...	HG-610	Carriage Spacing Lever (assembled).....	44, 56, 80.....	1.20
Gahyr...	HG-613	Washer on No. 617.....	44, 56, 80.....	.06
Gahys...	HG-615½	Roller on No. 617.....	44, 56, 80.....	.15
Gahyt...	HG-616	Stop Pin for 68-1.....	44, 56, 80.....	.05
Gahyv...	HG-617	Screw in No. 615.....	44, 56, 80.....	.15
Gahyx...	HG-619	Screw for Nos. 6180, 6301, 63021, 63032, 63035 and 63053.....	44, 56, 80.....	.06
Gaje...	HG-620	Carriage Bumper Spring.....	44, 56, 80.....	.10
Gajeb...	HG-623	Pin for No. 653.....	44, 56, 80.....	.02
Gajec...	HG-627	Carriage Scale Pointer.....	44, 56, 80.....	.12
Gajed...	HG-628	Screw for No. 627.....	44, 56, 80.....	.06
Gajef...	HG-632	Dowel Pin for Nos. 6301, 63021, 63032, 63035, and 63053.....	44, 56, 80.....	.05
Gajeg...	HG-633	Guide Roller on No. 60.....	44, 56, 80.....	.25
Gajeh...	HG-634	Screw for No. 633.....	44, 56, 80.....	.15
Gajek...	HG-635	Nut on Nos. 634, 640, 642 and 663.....	44, 56, 80.....	.06
Gajel...	HG-636	Support Roller on No. 60.....	44, 56, 80.....	.30
Gajem...	HG-637	Screw for No. 636, Upper.....	44, 56, 80.....	.15
Gajeo...	HG-638	Screw for No. 636, Lower.....	44, 56, 80.....	.15
Gajep...	HG-639	Nut on Nos. 637 and 638.....	44, 56, 80.....	.06
Gajer...	HG-640	Stop Screw for Jaw, Lower Position.....	44, 56, 80.....	.06
Gajes...	HG-642	Stop Screw for Jaw, Upper Position.....	44, 56, 80.....	.10
Gajet...	†HG-644	Draw Band for Carriage.....	44, 56, 80.....	.50
Gajev...	HG-646	Spring Barrel for Nos. 644 and 6446.....	44, 56, 80.....	.75
Gajex...	HG-647	Stud for No. 646.....	44, 56, 80.....	.35
Gajy...	HG-648	Washer on No. 647.....	44, 56, 80.....	.06
Gajyb...	HG2-648½	Nut on No. 647.....	44, 56, 80.....	.06
Gajyc...	HG-649	Spring for No. 646.....	44, 56, 80.....	.50
Gajyd...	HG-649½	Attaching Pin for No. 649.....	44, 56, 80.....	.02
Gajyf...	HG-653	Carriage Rack 3-Line Regular for wide plates.....	44, 56, 80.....	.18
Gajyg...	HG-657	Lock Pin for No. 62-3.....	44, 56, 80.....	.30
Gajyj...	HG-660	Spring Pin in Nos. 657 and 6576.....	44, 56, 80.....	.12
Gajyk...	HG-663	Rack Stud in Nos. 62-3 and 63-6.....	44, 56, 80.....	.06
Gajyl...	HG-666	Cushion Spring on Nos. 6503 and 6513.....	44, 56, 80.....	.05
Gajym...	HG-667	Shaft for No. 65.....	44, 56, 80.....	.18
Gajyp...	HG-670	Spring for No. 65.....	44, 56, 80.....	.06
Gajyr...	HG-671	Screw for No. 64.....	44, 56, 80.....	.06

†For Graphotypes with Plate Roller Attachment, order this part by No. HG2-6446.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Gajys...	HG-672	Screw for No. 64½	44, 56, 80	\$0.06
Gajyt...	HG-676	Spring for No. 68-1	44, 56, 80	.08
Gajyv	HG-688	Bushing for No. 9153 for narrow plates.	44, 56, 80	.06
Gajyz...	HG2-760	Shaft for Die Head Nos. HG2-70 and HG2-70-5	56, 80	4.80
Gake...	HG-700	Shaft for Die Head No. HG-70-2	44	3.95
Gakeb	HG-701	Taper Pin for Nos. 70, 53-5, 53 and 70-2	44, 56, 80	.06
Gakec	HG-706	Spring for Nos. 7022 and 7032	44, 56, 80	.12
Gaked...	HG-708-10	Die, No. 2-10 Type, 10 characters to the inch	44, 56	.55
Gakef...	HG-709-10	Punch No. 2-10 Type, 10 characters to the inch	44, 56	.55
Gakeg	HG-710	Die and Punch Extractor	44, 56, 80	.12
Gakej...	HG-713	Center Block	44	.30
Gakek	HG2-720	Taper Pin for Nos. 73 and 805	56, 80	.06
Gakel...	HG2-721	Cord for No. 74	56, 80	.20
Gakeo...	HG2-722	Spring for No. 721	56, 80	.12
Gakep	HG2-725	Indicator Bar	56, 80	2.80
Gaker...	HG2-727	Screw for No. 725	56, 80	.06
Gakes...	HG2-728	Pulley for No. 721	56, 80	.30
Gaket...	HG2-729	Stud for No. 728	56, 80	.18
Gakev	HG2-733	Pointer on No. 74	56, 80	.12
Gakex	HG2-734	Screw for No. 733	56, 80	.03
Gakey	HG2-738	Character Strip	80	.35
Gakyb...	HG2-739	Character Strip Cover	56, 80	.20
Gakyc...	HG-740	Indicator Shaft	44	.35
Gakyd	HG2-741	Washer on No. 725	56, 80	.12
Gakyf	HG-742	Indicator	44	.12
Gakyg...	HG2-742	Screw on No. 74	56, 80	.03
Gakyj	HG-743	Screw for No. 74	44	.06
Gakyk	HG-750	Celluloid Disc	44	.45
Gakyl...	HG-751	Dial	44	.15
Gakym	HG-759	Set Screw for No. 75	44	.05
Gakyo...	HG-760	Driving Shaft for revolving HG-70-2	44	.55
Gakyp...	HG-761	Wood Handle for HG-760	44	.25
Gakyr	HG-762	Screw for No. 761	44	.06
Gakys	HG-763	Washer on No. 760	44	.07
Gakyt...	HG-805	Mitre Gear on Nos. 760 and 8046	44, 56, 80	1.60
Gakyv	HG-808	Taper Pin for No. 805	44	.06
Gakyx...	HG-811	Screw for Clamp No. 82	44, 56, 80	.15
Gale	HG2-820	Taper Pin for No. 80	56, 80	.06
Galeb...	HG2-823½	Cushion Spring for No. 81	56, 80	.15
Galec...	HG2-824	Bumper Pin for No. 81	56, 80	.12
Galed...	HG2-826	Bushing on No. 824 (Heavy)	56, 80	.20
Galef	HG2-827	Tie Bar for No. 824	56, 80	.30
Galeg...	HG2-830	Rim for Hand Wheel	56, 80	1.40
Galeh...	HG2-832	Screw for No. 830	56, 80	.06
Galej...	HG2-860	Taper Pin for No. 86	56, 80	.06
Galek...	HG2-861	Friction Washer on No. 86	56, 80	.20
Galel...	HG2-862	Screw for No. 86	56, 80	.10
Galem	HG-905	Washer on No. 9202	44, 56, 80	.06
Galeo...	HG-906	Spring Pin for No. 907	44, 56, 80	.06
Galep...	HG-907	Spring for No. 920	44, 56, 80	.12
Galer	HG-917	Screw for No. 9153	44, 56, 80	.03
Gales...	HG-920	Trip for all Plates except "R" and "S" Plates	44, 56, 80	.30
Galet...	HG-921	Trip for 2-line section "R" and "S" Plates	44, 56, 80	.35
Galev...	HG-925	Locking Pawl for No. 921 "R" and "S" Plates	44, 56, 80	.18
Galex...	HG-926	Pin on No. 925 "R" and "S" Plates	44, 56, 80	.04
Galey...	HG-927	Handle for Nos. 921 and 925 "R" and "S" Plates	44, 56, 80	.12
Galyb...	HG-928	Pin in No. 60 for No. 925 "R" and "S" Plates	44, 56, 80	.04
Galyc...	HG-929	Spring for No. 925 "R" and "S" Plates	44, 56, 80	.06
Galyd...	HG-930	Spring Pin in No. 60 for No. 925 for "R" and "S" Plates	44, 56, 80	.06
Galyf...	HG-935	Spacing Cam for 2-line section "R" and "S" Plates	44, 56, 80	.40
Galyg...	HG-936	Dowel for No. 935 "R" and "S" Plates	44, 56, 80	.03

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Galyj...	HG-937	Screw for No. 936 "R" and "S" Plates	44, 56, 80	\$0.03
Galyk...	HG-974	Safety Roller on No. 60	44, 56, 80	.30
Galyl...	HG-999	Leatherette Cover	44	2.00
Galynn...	HG2-999	Leatherette Cover	56, 80	2.15
Galyn...	HG-1101	Screw for No. 110	44, 56, 80	.06
Galyo...	HG2-1120	Lock Washer on No. 112	44, 56, 80	.03
Galyp...	HG-1121	Nut on No. 112	44, 56, 80	.06
Galyr...	HG2-1131	Shaft in No. 11 for No. 20	56, 80	.25
Galys...	HG-1291	Wood Screw for No. 129	44, 56, 80	.03
Galyt...	HG-1311	Wood Screw for No. 131	44, 56, 80	.04
Galyv...	OG-1362	Drawer Hook	44, 56, 80	.15
Galyz...	OG-1363	Wood Screw for No. 1362	44, 56, 80	.03
Gape...	HG2-1402	Wood Screw for No. 140	56, 80	.03
Gapeb...	HG-2081	Front Felt Stop on No. 20 (large)	44	.18
Gapec...	HG2-2081	Felt Stop on No. 20	56, 80	.16
Gaped...	HG-2082	Screw for No. 2081	44, 56, 80	.05
Gapef...	HG-2083	Screw for No. 208	44, 56, 80	.05
Gapeg...	HG-2090	Shim for No. 2081 (light)	44	.10
Gapeh...	HG-2091	Shim for No. 2081 (medium)	44	.10
Gapej...	HG-2092	Shim for No. 2081 (heavy)	44	.12
Gapek...	HG-2201	Screw for No. 2281	44	.05
Gapel...	HG-2202	Nut on No. 2201	44	.05
Gapeo...	HG-2203	Screw for No. 228	44	.05
Gapep...	HG-2281	Front Felt Stop on No. 22 (large)	44	.16
Gaper...	HG-2290	Shim for No. 2281 (light)	44	.08
Gapes...	HG-2291	Shim for No. 2281 (medium)	44	.08
Gapet...	HG-2292	Shim for No. 2281 (heavy)	44	.10
Gapev...	HG2-2401	Stop Screw in No. 24	56, 80	.15
Gapez...	HG2-2402	Lock Nut on No. 2401	56, 80	.05
Gapy...	HG2-2482	Adjusting Bushing for No. 249	56, 80	.15
Gapyb...	HG2-2580	Washer for No. 258	56, 80	.05
Gapyc...	HG2-2581	Screw in No. 258	56, 80	.02
Gapyd...	HG2-2901	Register Pawl on No. 29	56	.40
Gapyf...	HG-2911	Pin for No. 291	44, 56, 80	.04
Gapyj...	HG-2961	Screw in No. 29 for Nos. HG-295, HG2-295 and HG2-2901	44, 56, 80	.06
Gapyk...	HG2-3110	Pawl Tooth in No. 311	56, 80	.20
Gapyl...	HG2-3112	Lock Nut on No. 3110	56, 80	.05
Gapym...	HG2-3120	Washer on No. 312	56, 80	.05
Gapyo...	HG2-3121	Cotter Pin in Nos. 312 and 314 for No. 313	56, 80	.03
Gapy p...	HG2-3130	Spring for No. 313	56, 80	.12
Gapyr...	HG2-3133	Cotter Pin in No. 310	56, 80	.03
Gapys...	HG2-3400	Washer on No. 340	56, 80	.06
Gapyt...	HG2-3401	Cotter Pin in No. 340	56, 80	.03
Gapyv...	HG2-4061	Paper Guide for No. 406	56, 80	.15
Gapyz...	HG2-4701	Screw for No. 470	56, 80	.07
Gare...	HG2-4702	Screw for Nos. 470, 471 and 519	56, 80	.07
Gareb...	HG2-4703	Pin for No. 4704 in Nos. 47 and 48	56, 80	.06
Garec...	HG2-4704	Spring for No. 48	56, 80	.15
Gared...	HG2-4706	Screw for No. 47	56, 80	.12
Garef...	HG2-4801	Washer on No. 480	56, 80	.12
Gareg...	HG2-4802	Cotter Pin in No. 480	56, 80	.03
Gareh...	HG2-4831	Screw for No. 483	56, 80	.05
Garej...	HG2-5010	Upper Roller for "B" or "C" Plates	56, 80	.85
Garek...	HG2-5011	Lower Roller for "B" Plates	56, 80	.70
Garel...	HG2-5012	Shaft in No. 50 for Roller	56, 80	.18
Garen...	HG2-5013	Cotter Pin in Nos. 517 and 5012	56, 80	.03
Gareo...	HG2-5014	Lower Roller for "D" Plates	56, 80	.70
Garep...	HG2-5020	Lower Roller for "C" Plates	56, 80	.70
Garer...	HG2-5100	Guide Plate	56, 80	.30
Garet...	HG2-5101	Screw for No. 5100	56, 80	.03
Garev...	HG2-5110	Bushing for No. 510, rear	56, 80	.12
Garew...	HG-6002	Carriage Rail	44	6.30

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Garey...	HG2-6002...	Carriage Rail for Graphotype without Plate Roller Attachment.....	56, 80.....	\$6.75
Garez...	HG2-6006...	Carriage Rail for Graphotype only with Plate Roller Attachment.....	56, 80.....	7.25
Garyb...	HG-6141...	Spacing Pawl on No. 610.....	44, 56, 80.....	.45
Garyc...	HG-6180...	Carriage Stop, Right and Left.....	44, 56, 80.....	.25
Garyd...	HG-6181...	Carriage Stop for 3-Part Separable Plates (assembled).....	44, 56, 80.....	2.00
Garyf...	HG-6251...	Carriage Scale for Nos. 1 and 2 Type.....	44, 56.....	.60
Garyg...	HG-6252...	Carriage Scale, 10 characters to the inch, Nos. 2-10 and 3 Type.....	44, 56, 80.....	.60
Garyj...	HG-6255...	Carriage Scale, 9 characters to the inch, No. 2 Type.....	44, 56.....	.60
Garyk...	HG-6258...	Carriage Scale, 6 characters to the inch, No. 6 Type.....	44, 56.....	.60
Garyl...	HG-6259...	Carriage Scale, 12 characters to the inch, Nos. 4 and 11 Type.....	44, 56, 80.....	.60
Garyn...	HG-6295...	Plate Stop for "T" Plates.....	44, 56, 80.....	.25
Garyo...	HG-6296...	Carriage Plate Stop.....	44, 56, 80.....	.65
Garyp...	HG-6298...	Knurled Nut on No. 6296.....	44, 56, 80.....	.40
Garyr...	HG-6301...	Carriage Escapement Rack, 8 teeth to the inch.....	44.....	1.20
Garys...	HG-6442...	Draw Band Guard.....	44, 56, 80.....	.20
Garyt...	HG-6444...	Pin in No. 60 for Nos. 644 and 6446.....	44, 56, 80.....	.03
Garyv...	HG2-6446...	Draw Band for Graphotype only with Plate Roller Attachment.....	56, 80.....	.55
Garyx...	HG-6471...	Screw in No. 647.....	44, 56, 80.....	.06
Gase...	HG-6503...	Guide Pin for No. 62-3 (long).....	44, 56, 80.....	.15
Gaseb...	HG-6513...	Guide Pin for No. 62-3 (short).....	44, 56, 80.....	.12
Gasec...	HG-6650...	Spring for No. 62-3.....	44, 56, 80.....	.15
Gased...	HG-6752...	Screw in No. 68-1.....	44, 56, 80.....	.18
Gasef...	HG-6760...	Pin in No. 68-1.....	44, 56, 80.....	.03
Gaseg...	HG-6761...	Spring for Jaws.....	44, 56, 80.....	.04
Gaseh...	HG-6763...	Stop Screw in No. 62-3.....	44, 56, 80.....	.10
Gasej...	HG-6764...	Pin for No. 676 in No. 68-1.....	44, 56, 80.....	.04
Gasek...	HG-6791...	Plate Jaw Hinge Rod.....	44, 56, 80.....	.20
Gasel...	HG2-6793...	Screw for Nos. 6251, 6252, 6255, 6258 and 6259.....	44, 56, 80.....	.03
Gasem...	HG-7022...	Die Stripper Lever.....	44, 56, 80.....	.10
Gaseo...	HG-7032...	Punch Stripper Lever.....	44, 56, 80.....	.10
Gasep...	HG-7081...	Die, No. 1 Type, 8 characters to the inch.....	44, 56.....	.55
Gases...	HG-7082...	Die, No. 2 Type, 8 or 9 characters to the inch.....	44, 56.....	.55
Gaset...	HG2-7083...	Die, No. 3 Type, 10 characters to the inch.....	80.....	.55
Gasev...	HG2-7084...	Die, No. 4 Type, 12 characters to the inch.....	80.....	.55
Gasew...	HG-7085...	Die, No. 5 Type, Clock Figures only 1 to 0, 4 figures to the inch.....	44, 56.....	.55
Gasey...	HG-7086...	Die, No. 6 Type, 6 characters to the inch.....	44, 56.....	.55
Gasez...	HG-7087...	Die, No. 7 Type, Clock Figures only 1 to 0, 8 figures to the inch.....	44, 56.....	.55
Gasi...	HG-7088...	Die, No. 8 Type, Reversible Type, 8 characters to the inch.....	44, 56.....	.55
Gasib...	HG-7091...	Punch, No. 1 Type, 8 characters to the inch.....	44, 56.....	.55
Gasic...	HG-7092...	Punch, No. 2 Type, 8 or 9 characters to the inch.....	44, 56.....	.55
Gasid...	HG2-7093...	Punch, No. 3 Type, 10 characters to the inch.....	80.....	.55
Gasif...	HG2-7094...	Punch, No. 4 Type, 12 characters to the inch.....	80.....	.55
Gasig...	HG-7095...	Punch, No. 5 Type, 1 to 0 clock figures, 4 figures to the inch.....	44, 56.....	.55
Gasij...	HG-7096...	Punch, No. 6 Type, 6 characters to the inch.....	44, 56.....	.55
Gasik...	HG-7097...	Punch, No. 7 Type, 1 to 0 clock figures only, 8 figures to the inch.....	44, 56.....	.55
Gasil...	HG-7098...	Punch, No. 8 Type, Reversible Type, 8 characters to the inch.....	44, 56.....	.55
Gasin...	HG2-7291...	Nut on No. 729.....	56, 80.....	.05
Gasio...	HG2-7385...	Character Strip.....	56.....	.30
Gasip...	HG2-8046...	Shaft for Hand Wheel.....	56, 80.....	.90

Read instructions for ordering parts on page 14.

Always give serial number of Graphotype when ordering parts. Location of serial number is shown in figures 1, 2, 3, 4 and 5, on pages 3, 4, 6, 9 and 10.

Code Word	Catalog No.	Name	Number of Characters Capacity	Price
Gasir...	HG-8061...	Mitre Gear on No. 700.....	44, 56, 80....	\$1.60
Gasis...	HG2-8240...	Cotter Pin in No. 824.....	56, 80....	.03
Gasit...	HG2-8261...	Bushing on No. 824 (medium).....	56, 80....	.20
Gasiv...	HG2-8262...	Bushing on No. 824 (light).....	56, 80....	.20
Gasix...	HG-9153...	Line Spacer Shaft.....	44, 56, 80....	.50
Gasob...	HG-9201...	Pivot Pin for No. 920.....	44, 56, 80....	.12
Gasoc...	HG-9202...	Screw for No. 9201.....	44, 56, 80....	.06
Gasod...	HG2-9910...	Pivot Post for No. 99-1.....	56, 80....	.50
Gasof...	HG2-9911...	Dowel Pin for No. 9910.....	56, 80....	.03
Gasog...	HG2-9912...	Pivot Pin for No. 99-1.....	56, 80....	.07
Gasoh...	HG2-9915...	Spring for No. 99-1.....	56, 80....	.05
Gasoj...	HG2-9916...	Carriage Stop Pin in No. 99-1.....	56, 80....	.12
Gasol...	HG2-9917...	Stop Pin in No. 9916.....	56, 80....	.03
Gasol...	HG2-9918...	Cushion Spring for No. 9916.....	56, 80....	.03
Gasom...	HG2-9920...	Plunger Stop in No. 9910.....	56, 80....	.10
Gasop...	HG2-9921...	Spring on No. 9920.....	56, 80....	.05
Gasop...	HG2-9922...	Lock Nut on No. 9920.....	56, 80....	.03
Gasor...	HG-60021...	Eccentric Bushing in No. 6002.....	44, 56, 80....	.45
Gasos...	HG-60022...	Stop Pin for No. 60021.....	44, 56, 80....	.03
Gasot...	HG-60023...	Screw for No. 60024.....	44, 56, 80....	.06
Gasov...	HG-60024...	Washer for No. 60021.....	44, 56, 80....	.06
Gasow...	HG-60025...	Locating Pin for No. 60024.....	44, 56, 80....	.03
Gasox...	HG-62961...	Adjusting Block for 61, 6295 and 6296.....	44, 56, 80....	.60
Gasoy...	HG-62962...	Adjusting Screw for No. 62961.....	44, 56, 80....	.10
Gasoz...	HG-63021...	Carriage Escapement Rack, 9 teeth to the inch, No. 2 Type.....	44, 56....	1.20
Gasy...	HG-63032...	Carriage Escapement Rack, 10 teeth to the inch, No. 2-10 Type.....	44, 56,....	1.20
Gasyb...	HG2-63035...	Carriage Escapement Rack, 10 teeth to the inch, No. 3 Type.....	80....	1.20
Gasyc...	HG-63053...	Carriage Escapement Rack, 12 teeth to the inch, No. 11 Type.....	44, 56, 80....	1.20
Gasyd...	HG-70811...	Die, No. 11 Type, 12 to the inch.....	44, 56,....	.55
Gasyf...	HG-70812...	Die, No. 12 Type, 10 to the inch.....	44, 56,....	.55
Gasyg...	HG-70911...	Punch, No. 11 Type, 12 to the inch.....	44, 56,....	.55
Gasyj...	HG-70912...	Punch, No. 12 Type, 10 to the inch.....	44, 56,....	.55

Read instructions for ordering parts on page 14.

Type Styles

Embossed address plates and Graphotypes for embossing plates can be furnished in 10 principal type styles, known as Nos. 1, 2, 3, 4, 5, 6, 7, 9, 10 and 11. These different styles are shown below. Prices and particulars on application.

Type Used *Only in 80 Capacity* Graphotypes

No. 3 Type (uplo)—Figures, capitals and small letters. Ten characters to the inch. Popular for advertising and other high class work. Corresponds to pica typewriter style type.

Sample of #3 Type

No. 4 Type (uplo)—Figures, capitals and small letters. Twelve characters to the inch. Widely used because of its neatness and large capacity per line. Recommended particularly for fill-in purposes.

Sample of #4 Type

No. 9 Type—Bold face figures only. Ten characters to the inch. Easy to read. Splendid for part tags or wherever clear, legible figures are required.

1234567890

Type Used *Only in 44 or 56 Capacity* Graphotypes

No. 1 Type—Figures and capital letters only. Eight characters to the inch. Recommended for tags, labels and other work where large, clear type is desired.

SAMPLE OF #1 TYPE

No. 2 Type—Figures and capital letters only. Eight characters to the inch. An easy type to read.

SAMPLE OF #2 TYPE

No. 5 Type—Figures only. Four characters to the inch. Used where numbers are desired to show up with special prominence.

123456789

No. 6 Type—A large bold face type. Figures and capital letters only. Four or six characters to the inch. Especially suited for shipping tags, labels, wrappers, and all other forms requiring exceptionally legible type.

NO.6 TYPE

No. 7 Type—Figures only. Eight characters to the inch. A larger type than No. 7, yet of the same capacity. Smaller than No. 5 or 6 type, yet very legible.

1234567890

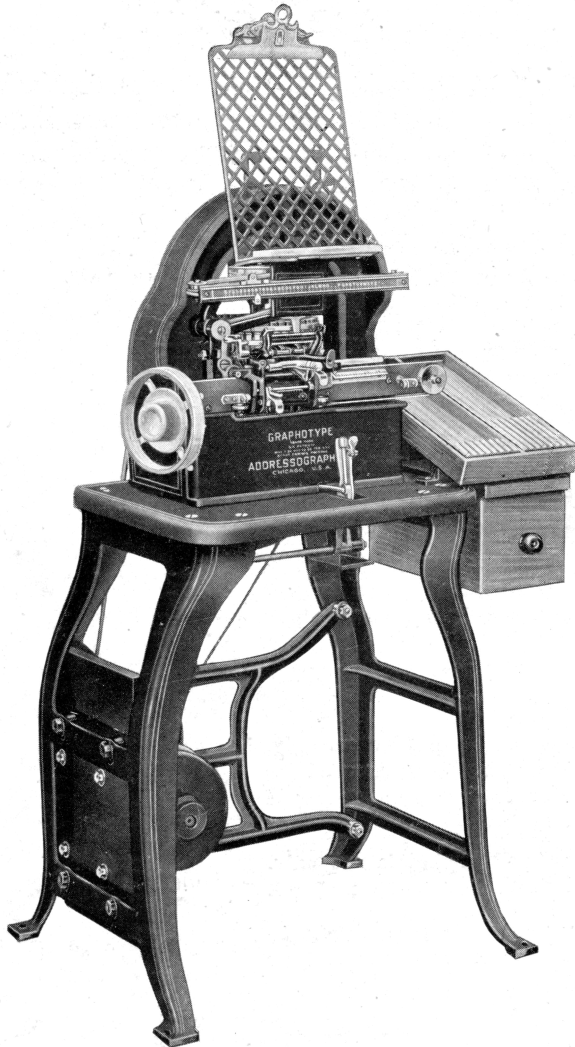
No. 10 Type—Capitals only. Same size as No. 2 type but ten characters to the inch instead of eight.

SAMPLE OF #10 TYPE

No. 11 Type—Same as No. 4 type but capitals only. Twelve characters to the inch.

SAMPLE OF #11 TYPE

NOTE: Information regarding extra characters which can be supplied will be furnished on application.



G2 ELECTRIC GRAPHOTYPE

EASIER TO OPERATE AND FASTER THAN THE
HAND GRAPHOTYPE

Embossing plates with this Electric Graphotype requires practically no effort. Operator simply touches a little lever in front of machine—the electric motor does the rest.

So simple that anyone can quickly emboss type on address plates—no experience necessary, but naturally a little practice is essential to obtain speed. The Electric Graphotype enables a good operator to emboss many more addresses per day than is possible with the hand operated model. Prices and particulars on application.

TABLE OF CONTENTS

	PAGE
Branches.....	Inside of front cover
Explanatory	1
Operation of G1 Graphotype, 44 character capacity.....	2
Operation of G1 Graphotype, 56 or 80 character capacity.....	8
How to Order Parts.....	14
Illustrated Parts.....	15 to 22
Parts List.....	23 to 30
Type Styles.....	31

**This Book Is
Very Important
Read
and Keep It**