

33

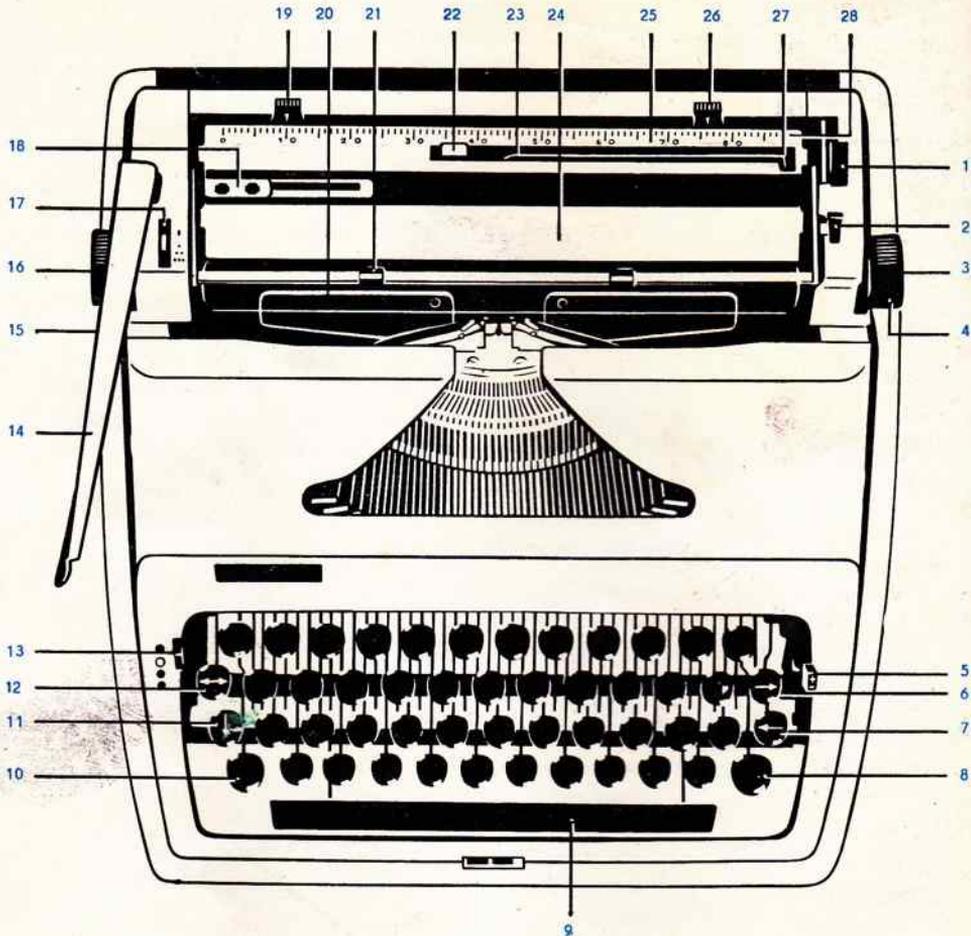
43



You have purchased a typewriter. Very soon you will find that thanks to its reliability and ingenious construction it makes your daily work considerably easier.

But before you begin to try out the machine and to use it for your work, we advise you to avail yourself of the hints given in the following. Moreover, have your typewriter thoroughly cleaned from time to time by a mechanic, which will help to make your satisfaction a lasting one.

The combination — machine and case — gives this new model its particular stamp: the bottom of the case is at the same time the bottom of the machine.



The items marked by + drop out for Model 33

- 1 carriage release lever
- 2 paper release lever
- + 3 free-wheeling (under cover)
- 4 right platen turning knob
- + 5 tabulator setting and effacing lever
- 6 back spacer
- + 7 tabulator key
- 8 right shift key
- 9 space bar
- 10 left shift key
- 11 shift-lock key
- 12 margin release key
- 13 ribbon adjusting device
- 14 line spacing lever
- 15 carriage arresting lever (under cover)
- 16 left platen turning knob
- 17 line adjusting device with platen release lever
- + 18 paper guide
- 19 left margin stop
- 20 line adjusting device
- 21 paper holder
- + 22 release lever for paper support
- 23 paper support with Model 43 with leaf end indicator
- 24 paper guide
- 25 paper rest
- 26 right margin stop
- 27 handle for paper support (only Model 33)
- 28 scale for margin adjustment



**To get the typewriter
ready for work**

Having removed the packing material (according to the adjoining handbill) you can begin to get the machine ready for work: Push the carriage arresting lever "15" (Fig. 2) backward; put up the paper support 23; place the sheet of paper behind the platen on the paper rest 25 and introduce it by turning the platen turning knob 4 or 16, at which it is important that the carriage should be in or near the middle of the machine. The rollers of the paper holder 21 are to guide the paper.

To align the paper

Push the paper release lever 2 forward, after which you can easily align the sheet according to the paper holder 21. To obtain a regular margin place the left edge of the sheet

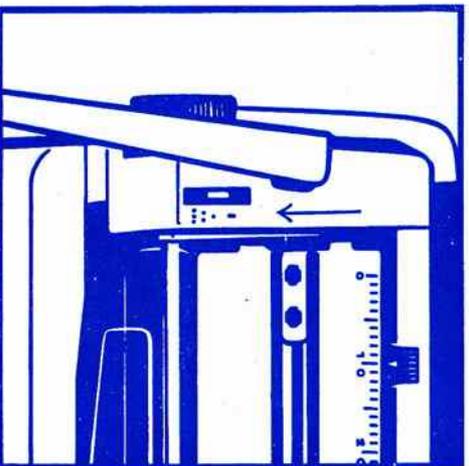
under the "0" of the paper holder scale. In order to make all the sheets have the same position push with Model 43 the paper guide 18 close to the sheet and insert further sheets according to the adjusted paper guide.

Line adjusting device and platen release

The lever 17 has a double function; in its hindmost position (!) it releases the platen.

The further symbols mean:

- = narrow lines
- • = $\frac{1}{2}$ line distance
- • • = 1 line distance



Left and right margins

Pressing on the carriage release lever 1 move the carriage to the point, where the margin is to begin; then push the margin stop 19 (pressing it down) towards the middle of the machine as far as the stop. As to the margin stop 26 proceed in the same way. If words are to be written before the adjusted left margin, press down the margin release key 12, simultaneously moving the carriage to the intended point. 7 strokes before the right margin is reached, a bell is heard. **A blocking is not produced.**

Capital letters and signs

The two shift keys 8 and 10 serve to write the capital letters and the upper signs. For the continuous writing of capital letters press down the shift lock key 11, till it catches; by pressure on the left shift key it is released again.

Space and space bar used for corrections

It must be pointed out particularly that with the Modelis 33 and 43 the space bar has two functions: On the one hand it produces the distances between the words, on the other hand it offers the possibility to halve the distance between words. Thus errors caused by omission of letters may be corrected, as the following example shows:

To correct wrongly written words To correct wrongly written words

The wrongly written word "wronly" is erased and then correctly written in the same space in the following way:

Type once more the last letter of the preceding word, then press down the space bar, not allowing it to go back, by which the space is halved. Now type the first letter of the erased word and let the space bar go back. Then again press down the space bar and write in the same way all the letters of the erased words (always with pressed down space bar). When the last letter is struck, half the space is produced, before the first letter of the next word is typed.

In this way, with dexterous typing, may also be obtained the equalization of the margin, half the space being utilized by means of the space bar.

Ribbon adjusting device

The desired ribbon zone is adjusted by means of the ribbon adjusting device 13.

Blue point: upper half of the ribbon is written upon in blue (lever backward)

White point: ribbon out of operation for writing on stencils

Blue point: middle zone adjusted, to be used only with one-colour ribbon. Ribbon is written upon in the middle for full utilization

Red point: lower half of the ribbon in red is written upon (lever forward)

To draw lines

Put the point of a pencil in the hole of the left or the right line adjusting device 20 and turn the platen turning knob 4 or 16, by which vertical lines are produced; by moving the carriage to the left or the right you produce horizontal lines.

Ribbon reverse movement

The ribbon movement is produced automatically. By moving the reverse levers "b" and "c" (Fig. 6) the movement of the carriage may also be changed by hand.

TABULATOR (only Model 43)

To set the slides

By pressure on the carriage release lever 1 move the carriage to the point, where the slide is to be, then push the tabulator setting lever 5 backward in the direction "+". In this way a slide is set, and later, during the tabulating, the carriage stops there.

To tabulate

By pressure on the tabulator key 7 the carriage moves as far as the next slide, which is repeated as often as slides are set.

To efface an individual slide

By pressure on key 7 move the carriage to the point, where the slide is. The carriage having stopped, push the tabulator setting and effacing lever 5 forward in the direction "-", by which this slide is effaced.

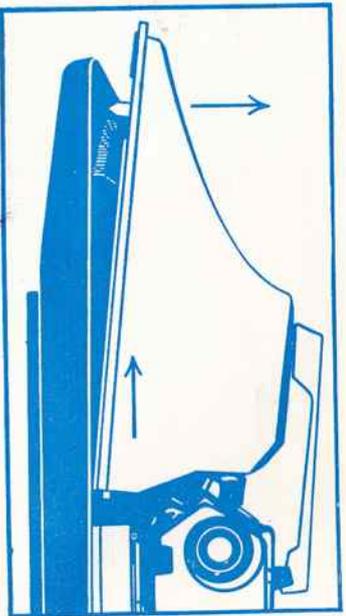
To efface all slides

Move the carriage to the right as far as the stop, then push the setting and effacing lever 5 forward in the direction "-" and press the tabulator key 7.

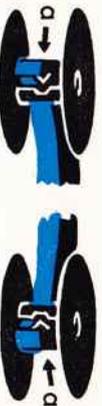
To write on forms, platen free-wheeling

To produce the platen free-wheeling (only Model 43) push to the interior the push button 3 for the platen in the right platen turning knob 4. Now by turning the platen you may align the lines of the sheet according to the line adjusting device 20. The alignment done, press the left platen turning knob to the right, by which the catching is produced again. By means of the platen release lever 17 (!) the platen free-wheeling may also be produced; the release lever being reduced to the initial position, it catches in such a way that one may return to lines written before.

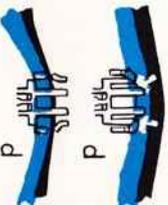
4



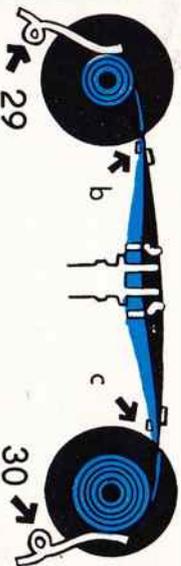
5



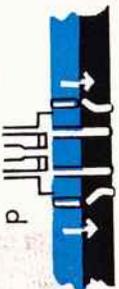
7



6



8



To exchange the ribbon

Move the carriage to the left; with both hands lift off the cover according to Fig. 4; push aside the contact levers 29 and 30 (Fig. 6), after which the ribbon spools may easily be taken out. Fasten the new ribbon ("red" downward) to hook "a" (Fig. 5). Only use ribbons 13 mm wide with ribbon spools DIN or TGL. Then again pushing aside the contact levers slip the spools on the spool shafts and introduce the ribbon into the forks of the reverse levers "b" and "c" (Fig. 6); at last, according to Figs. 7 and 8, introduce it into the ribbon lifter "d".

Maintenance of the machine

When not used, the machine should be kept covered. Dust and eraser particles should be removed as often as possible by means of a pencil. Often brush the types. Remains of ink must be removed from the types by means of plasticine or a small piece of wood. Before erasing move the carriage aside, lest particles should drop into the interior of the machine.

For the removing of stains from the cover of plastic material a soap solution or usual commercial polishing paste is recommended. The use of chemical substances, such as benzol, petroleum, acids etc., should be avoided, because that would make the surface lose its polish.

We recommend to keep the accessory bag in the clamp of the hood intended for it; it is not advisable to put it on the cover of the machine.

Soiled platens should be cleaned by means of spirit (benzine would destroy the rubber). The line adjusting device 20 must also be cleaned by means of spirit.

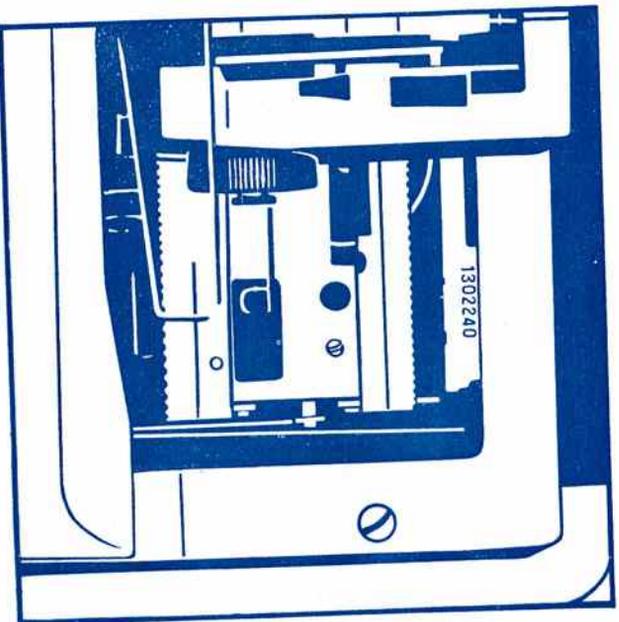
To close the machine

Put down the paper support 23, push the carriage arresting lever 15 (Fig. 2) forward, move the carriage so far to the middle, that the arresting lever catches it. Then put down the line spacing lever 14. Putting on the cover of the case see to its catching well at the back.

Serial number

The serial number of the machine is at the right, on the back of the chassis (Fig. 9).

9



11-9-16 Jt 2102/68

Printed in Germany

30-80-52 (engl.)