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Mechanical
Braille Writer

Manual Operating Instructions

Contens

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1. Option models

Model 501 is the basic model for 6-dots Braille

Model 502 has an additional line spacing to the basic model

Model 505 has an additional line spacing to the basic model and 8-dots Braille

Model 511 is the basic model for one hand operation left

Model 521 is the basic model for one hand operation right

2. Included in delivery

The following parts are included in delivery.

Braille typewriter (Erika Picht)

Carry case

Manual in inkprint

Manual in braille

The following accessories are available on request

Braille paper DIN A4, DIN A3 and 27 x 34 cm

Fan fold paper

Plasticfilm

Plastic labelling tape

3. Technical Data

Vertical space between dots	2,5 mm
Horizontal space between dots	2,5 mm
Space between cells	6,0 mm
Line space (adjustable)	10 mm and 13 mm
Paper width	max. 270 mm min. 85 mm
Characters per line	max. 40
Weight	2,8 kg
Size (W x D x H)	390 x 220 x 95 mm

Keyboard

- 6 keys for braille (8 at Modell 505)
- 1 space key
- 1 freewheel key
- 1 backspace key

4. Unpacking instructions

Take the machine out of its cardboard and strip off the half-shells made of formed plastic.

Remove the formed plastic elements arranged on the left and right side. Withdraw the four pieces of red plastic material.

Depressing the margin stops on the right and left side and move them to their respective outermost position.

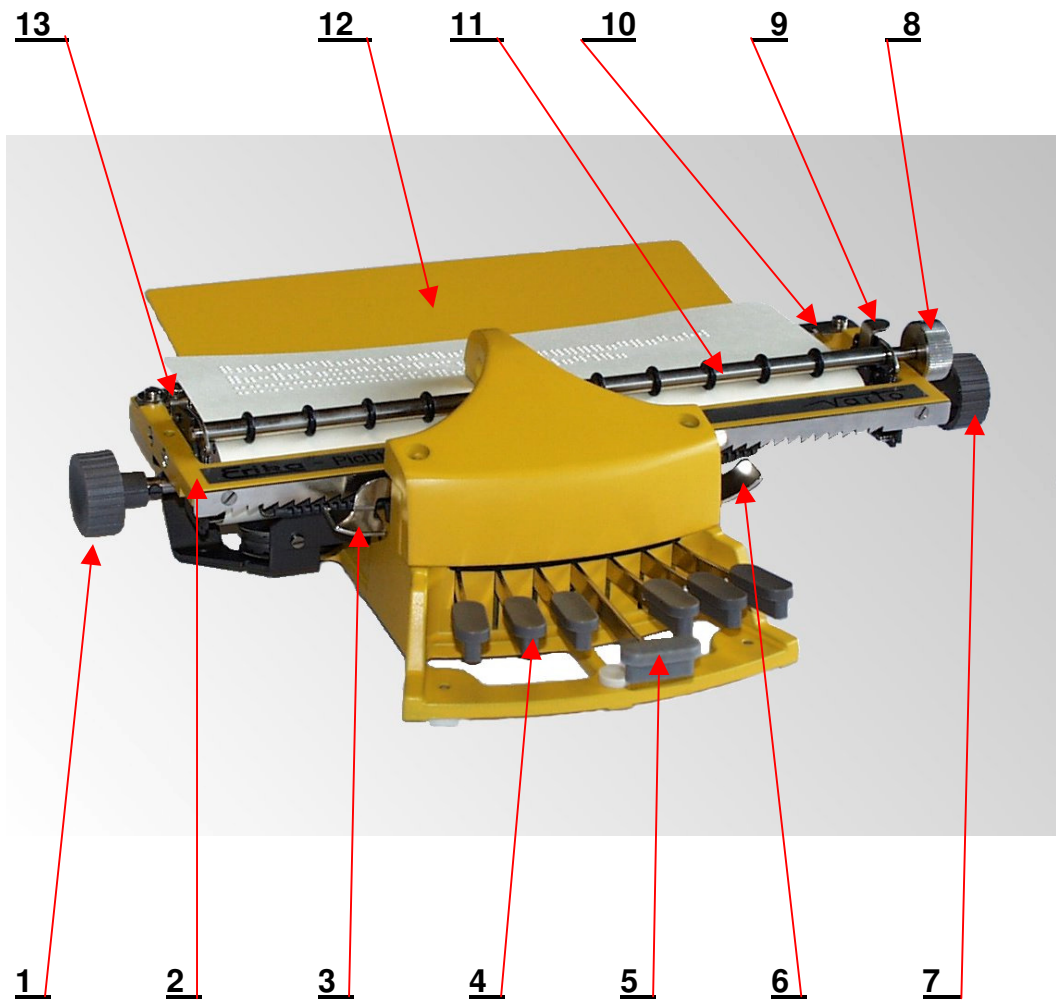
Withdraw the protection of the embossing head made of cardboard.

Withdraw forward the key lever protective element made of cardboard.

Attention

In case of an eventual further shipment of the machine, the safety elements must be refitted in reverse order to avoid damages during transport.

5. Orientation drawing



- 1 turning knob left
- 2 paper carrier
- 3 freewheel key
- 4 writing keys
- 5 space bar
- 6 backspace key
- 7 turning knob right
- 8 turning knob of the tensioning roller
- 9 line space setting lever
- 10 margin stop right
- 11 tensioning roller
- 12 reading table
- 13 margin stop left

6. Operating instructions

The machine has to be placed on a solid basis in an horizontal position. After that the reading table (12) is attached to the rear side of the paper carrier (2). The paper support is in the center.

To insert the paper, the paper feed knobs (1 or 7) have to be turned in direction of the keyboard until the paper holding flap is brought directly before the tensioning roller (11) and opened upward.

After placing the paper into the opened paper holding flap and turning the platen turning knobs (1 or 7) in the direction of the keyboard, the paper is tensioned and rolled up. The margin stops (10 and 13) are set accordingly to the paper size. 6 cells before reaching the right margin, a bell is to be heard.

The line spacing forward is effected by turning the knob of the tensioning roller (8; little metal scroller) by turning always one notch in the direction of the keyboard. If there is to return to a preceding line, this is effected by turning the platen turning knobs (1 or 7) also in direction of the keyboard.

In order to prevent any formation of folds, it has to be turned in any case the knob of the tensioning roller (8; little metal scroller) in direction to the keyboard for tensioning the paper. This operation has to be repeated during the typing process as required.

The combination of dots (cells) are embossed by means of the writing keys in conformity with the Braille characteristic. For that purpose the desired keys (4) have to be pressed simultaneously. The cell to cell distance is 6 mm.

In case of machines in standard design, the space bar (5) is arranged in the center of the keyboard, permitting the motion of the paper carrier by always one cell distance in the typing direction.

In case of the models for left-hand / right-hand operation, either the key 2 or key 5 is designed as spacebar. Instead, the central key which in case of these models is of a telescopic design, takes over the function of the key 2 or 5.

The freewheel key (3) is on the left, beside of the keyboard. When operating the freewheel key, the right hand rests on the right platen turning knob (7) to prevent in that way any uncontrolled motion of the paper carrier.

By means of the backspace key (6), arranged on the right beside the keyboard, the paper carrier is moved always by one cell distance in the direction contrary to the typing direction.

The models 502 and 505 will give the additional possibility of changing over to line spacing from 10 to 13 mm. For this purpose the line space setting lever (9) has to be seized with the thumb and the forefinger above and below, swinging it out of its locked position and displacing it the left or to the right lock.

- left lock 10 mm line spacing
- right lock 13 mm line spacing

7. Short instruction for inserting paper

Margin stop has to be set on position.

Turn paper carrier until the paper holding flap is directly before the tensioning roller, than open the holding flap.

Insert paper sheet beneath the embossing head (upside of paper carrier) in contact to the left margin stop.

Turn paper roller by turning knobs (bigger knobs) in your direction to roll up the paper.

In any case, use the little metal scroller for line spacing to prevent formation of folds and unsteady line spaces.

9. Attendance, maintenance and service

Owing to its sturdy construction the machine needs no attendance by its user. In case of the varnished and plastic parts being draggled, these have to be wiped with a piece of cloth moistened with a dishwashing agent or spirit. After an amount of approx. 5.000 sheets being typed with an average of 1.000 cells per sheet, or at least at intervals of 5 years, the machine should be handed over to an authorized service workshop for overhauling and cleansing.