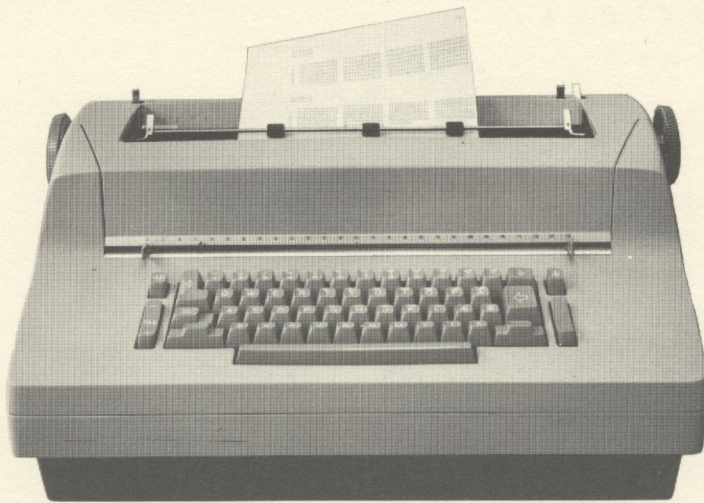


## RC 315 INPUT/OUTPUT TYPEWRITER AND RC 4121 INPUT/OUTPUT TYPEWRITER CONTROLLER



The input/output typewriter, which is equipped with a spherical typehead and pin-feed platen, has a maximum printing speed of 15 characters/second. The line width is 154 characters. The character set is a subset of the ISO 7-bit character set consisting of 88 graphics and 4 control characters.

The typewriter is connected to the RC 4000 via the low-speed data channel. Data is transferred character by character to and from the typewriter by a sequence of standard input/output instructions.

The typewriter controller is placed either in the central processor or in the input/output controller cabinet. The typewriter and controller are connected by means of two multi-cables, maximum 50 m in length. The standard cables are 12 m long.

### Operation

The typewriter is operated by a standard instruction for transfer of characters to or from the device buffer register and initiation

of input or output operations. After initiation, an operation is executed without engaging the computer. When the operation is completed, the controller generates an interrupt signal.

The character set includes 4 control characters: New Line, Backspace One Character, Horizontal Tabulation, and Space. The graphic characters are printed in black during output, and in red during input.

After transfer of a character to or from the typewriter, a status word can be sensed. The status word indicates whether an input/output operation is not completed within a predetermined time, whether a parity error has been detected, and whether the operator has intervened via the local/remote switch.

The typewriter has a local/remote switch, which can be set manually. In remote mode the typewriter is program controlled. In local mode the operator can replace paper and the like. Operator intervention does not affect program control, apart from delaying the output operation.

**CHARACTERISTICS****Printing Speed**

15 char/sec

**Line Width**

154 characters

**Alphabet**

0 1 2 3 4 5 6 7 8 9

a b c d e f g h i j k l m n o p q  
r s t u v w x y z æ ø åA B C D E F G H I J K L M N O P Q  
R S T U V W X Y Z Æ Ø Å

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**Print Density**

Horizontal: 12 char/inch

Vertical: 3 or 6 lines/inch

**Paper Format**Width: 13<sup>5</sup>/<sub>8</sub> inchesHorizontal distance between pin-feed  
holes: 13<sup>1</sup>/<sub>8</sub> inchesVertical distance between pin-feed  
holes: 1/2 inch

Pin diameter: 5/32 inch

**Power**220 V ± 10 %, 50 Hz ± 4 %, 0.4 A,  
60 kcal/hour.The controller is supplied from the  
power supply in the central processor  
or the controller cabinet.**Ambient Air**

Temperature: 10 to 40°C

Relative humidity: 30 to 70 %

**Size and Weight**Width: 21<sup>3</sup>/<sub>4</sub> inchesDepth: 15<sup>3</sup>/<sub>4</sub> inchesHeight: 9<sup>21</sup>/<sub>32</sub> inches

Weight: 27.6 kg

The controller is placed in the central pro-  
cessor or the controller cabinet.