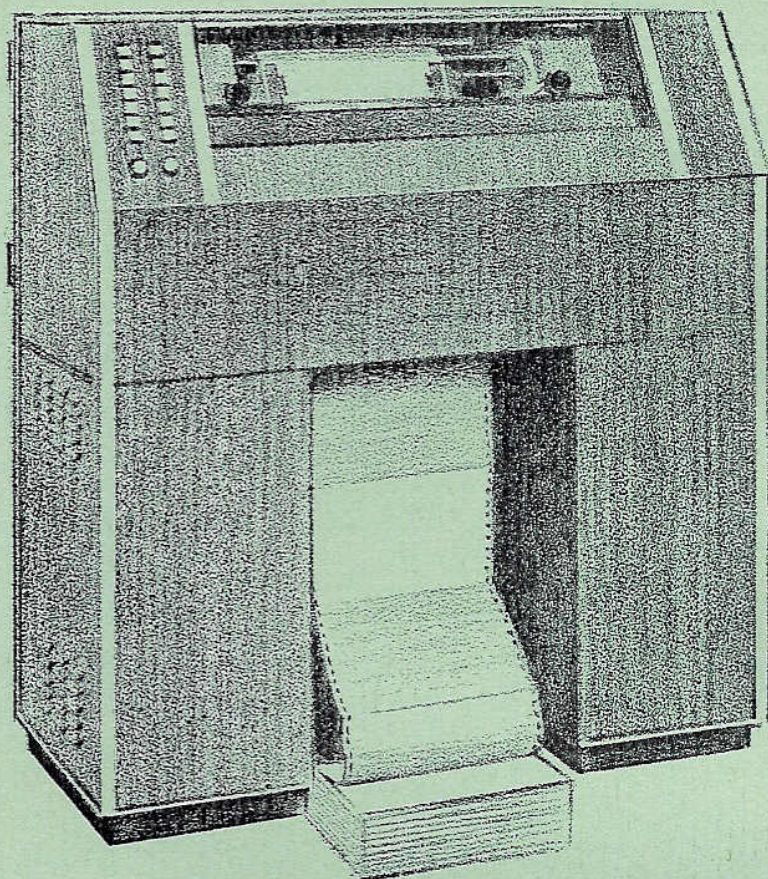


# SPECIFICATION

**GIER**  
ELECTRONICS



**HARDWARE**

## LINE PRINTER

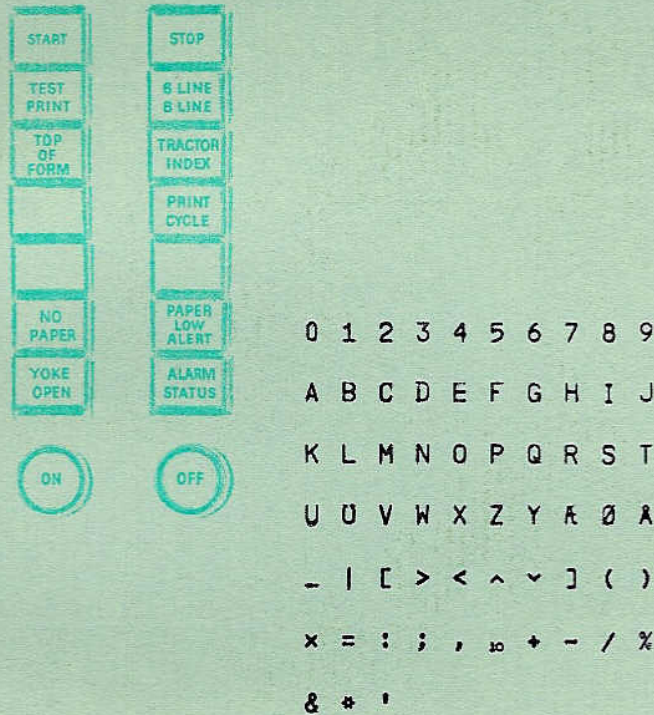
As an output device with both on-line and off-line applications, the Line Printer is connected by means of the Line Printer Adapter to the GIER Computer and is also used in conjunction with the RC 3000 Converter (see Specification). The standard model has a speed of 667 lines/min with 160 print positions and a print density of 10 char/inch horizontally and 6/8 lines/inch vertically. Other models are available.

The Line Printer has a single-line buffer that accepts character-by-character output from the Computer and composes it into lines. Since the buffer is scanned during printing, it is unable to accept further output, but as soon as all the characters have been printed, the buffer is released. As the characters on the print barrel are arranged in order of greatest frequency, the buffer is released on the average in less than half a revolution, so that the paper can be advanced and the printing of the next line begun before the next revolution. The single-line buffer has a tabulation facility.



The Line Printer has a character set of 64 characters consisting of the decimal digits, the alphabet (capital letters), and certain special symbols. With a few exceptions, the relationship between numerical values and typographical symbols is the same as for the off-line Perforator Typewriter (see Table of Codes); moreover, this code may be easily altered by changing a code disk in the Line Printer. Other character sets are available.

The vertical format is controlled by a special 8-track paper tape. Paper is skipped at a speed of 27.5 inches (70 cm) a second, and an optional high-speed paper feed facility (75 inches/sec) is available.



## CHARACTERISTICS

**Size:** width 124.4 cm, depth 77.0 cm, height 138.5 cm

**Weight:** 482 kg

**Printing Speed:** 667 lines/min maximum

**Print Positions:** 160

**Print Density:** 10 char/inch horizontally; 6/8 lines/inch vertically

**Paper Skip Speed:** 70 cm or 24.5 inches/sec

**Power:** 50 Hz, 220 V

maximum power: 808 kcal/h (940 W)

maximum line current: 6 A

fuses in mains connection: 10 A

### Environment

cooling air: 120 m<sup>3</sup>/h from ambient

air temperature: 18–25° C

relative humidity: 40–70 %

**A/S REGNECENTRALEN**

FALKONERALLE 1  
COPENHAGEN F. · DENMARK

**A/S SCANIPS**

SORGENFRIGATE 11  
OSLO · NORWAY

**ING.UGO DE LORENZO & C.**

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