

Facit 4553

**alphanumeric
serial page printer**



A low cost printer for your system

The Facit 4553 is an inexpensive printer enabling you to equip even simple and inexpensive systems with an alphanumeric serial printer. The Facit 4553 is suitable for all applications where a print-out speed of 15 characters/second is adequate. The Facit 4553 is suited for use as a console printer in minicomputer systems or as a print-out device for data displays or other terminal equipment. The Facit 4553 embodies all the characteristic features of an electro-mechanical data product from Facit. Sophisticated mechanical design with a minimum of moving parts. That's what makes it robust and reliable. Complete with electronic circuitry. That's what makes it easy to interface with other equipment.

Large character repertoire

Characters are formed in a 35-dot matrix consisting of five columns and seven lines. This gives a flexible character repertoire with up to 64 different characters.

Simple mechanical construction



The paper is fed between a print hammer and a helical disc, both mounted on a moving carriage. Characters are built up dot by dot, column by column. As a result, impacts are spread over the entire hammer surface, as well as over all helical ridges. This impact distribution ensures extremely low wear, a high degree of reliability and a minimum of service.

Crisp, easy-to-read print-out

The Facit 4553 prints alphanumeric information on pressure-sensitive paper — with or without a copy. Facit's use of a hammer and

helix in combination with a 5 x 7 dot matrix produces an extremely clear and easy-to-read print-out. The print head is so designed that the last character printed is fully legible.



Print-out is on 210 mm wide pressure-sensitive paper having a length of 20 metres. This is equivalent to roughly 70 average pages of typescript containing 60 lines and 80 characters per line. 4800 characters per page. 336 000 characters per paper roll.

Asynchronous operation

The Facit 4553 operates asynchronously with a print-out speed of up to 15 ch/s. As a result, the printer is ideal for intermittent operation.

Complete with integral control electronics

The printer is supplied with the necessary electronic circuitry for:

- character generation
- driving the print head
- paper feed

The Facit 4553 is obtainable for bit parallel data transmission with the Facit standard SP-1 interface or for bit serial data transmission with the CCITT V24 (RS 232C) interface. This gives you every facility for fast and simple adaptation to all systems.

The Facit 4553 performs carriage return and line feed automatically after each full line.

One model of Facit 4553 is a "stripped" version containing drive circuitry only. Space and cabling is provided in the printer for the user's own electronics.

Easy to load

It takes only a few seconds to load the printer with a new roll of paper.

The Facit 4553 is equipped with:

- switch for WRITE/LOAD position
- push button for paper feed
- pin feed platen for accurate line feed
- end of paper indicator

Technical data

Interface: 1. Bit parallel: Facit SP-1 interface
2. Bit serial: CCITT V24 (RS 232C) (applicable to versions with character generator)

Printing speed: Up to 15 ch/s
Character height: 2.8 mm (1/8 in)
Character spacing: 2.54 mm (10 ch/in)
Line space: 4.2 mm (1/6 in)
Maximum number of positions per line: 80

Paper specifications

Type: Pressure sensitive paper in rolls
Width: 250 mm (9 3/4 in) incl. form liner for pin feed on both sides approx. 20 mm (13/16 in) each
Thickness: 0.1 mm (0.04 in, 53 g/m²)
Length: Approx. 20 metres (63 ft)
Roll: Outside dia: max 50 mm (2 in)
Inside dia: approx. 20 mm (13/16 in)

Voltage and power requirements

+5V \pm 3% max. 2W
+24V \pm 7% max. 33W, min. 8W
-12V \pm 5% max. 0.2W (for versions with character generator only)

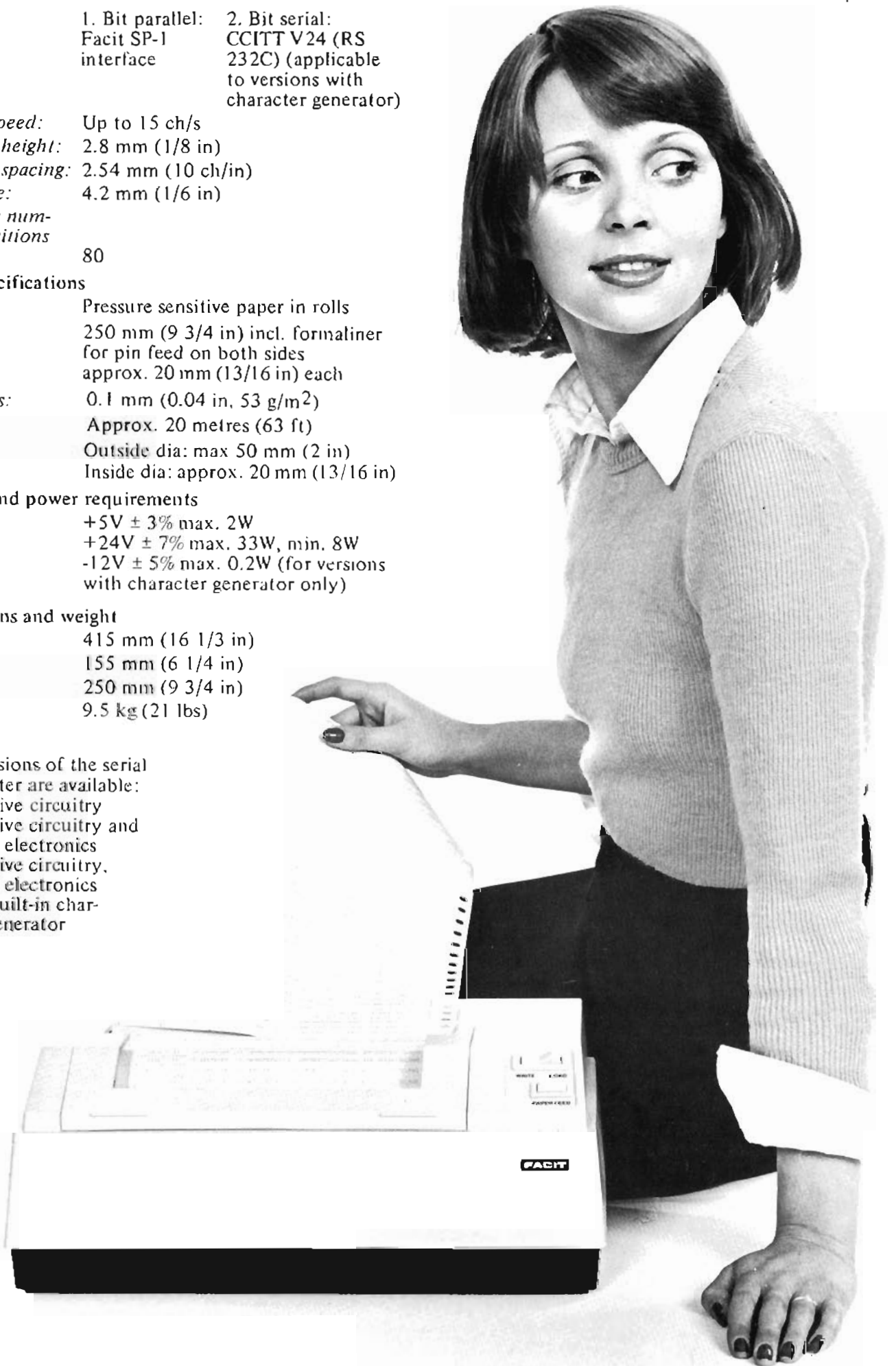
Dimensions and weight

Width: 415 mm (16 1/3 in)
Height: 155 mm (6 1/4 in)
Depth: 250 mm (9 3/4 in)
Weight: 9.5 kg (21 lbs)

Versions

Three versions of the serial page printer are available:

- with drive circuitry
- with drive circuitry and control electronics
- with drive circuitry, control electronics and a built-in character generator



Facit - a leading manufacturer of peripherals for computer communication and data transmission and recording systems

Facit policy calls for the creation of products designed for easy adaptation to a wide variety of systems - complete products or sub-units featuring top performance and long service life with a minimum of maintenance requirements. New EDP equipment is constantly being developed at Facit. The Facit line of products is expanding swiftly. It will pay you to contact Facit whenever you need data processing equipment. Facit may very well have a ready-made product suited your demand.

