

## **FACIT PE 1000**

**tape reader**

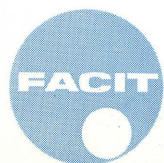
**for**

**up to 1000**

**characters**

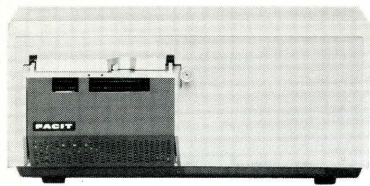
**per**

**second**

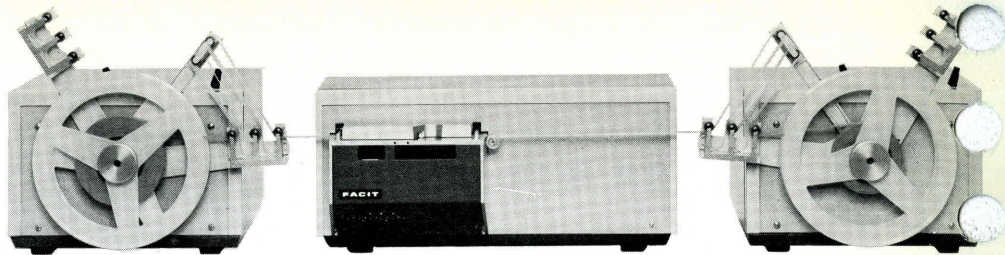


**Reliable high-speed reading** is a phrase that typifies the Facit PE 1000 paper tape reader which incorporates benefits gained at Facit from many years of experience. Behind the world-famous reputation of the Facit trade mark lie quality and integrity, two attributes of the Facit PE 1000. It satisfies the most stringent demands that can be placed on modern paper tape readers. **Universal application.** Facit PE 1000 design is compatible with nearly all data processing systems. But it finds uses in other fields too—wherever reliable high-speed reading is required.

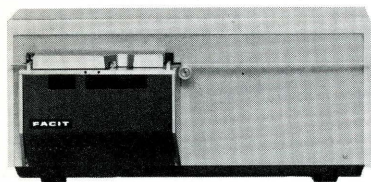




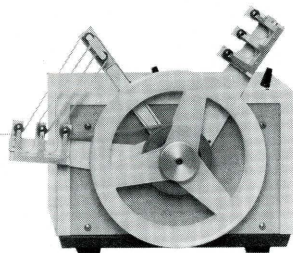
FACIT PE 1000 tape reader.



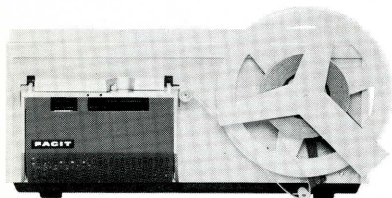
Facit PE 1000 tape reader with Facit PE 1130 wind and unwind equipment. Maximum speed 1000 characters/second.



Facit PE 1000 tape reader with Facit PE 1130 arranged for unwinding. Maximum speed 1000 characters/second.



Facit PE 1000 tape reader with supply wheel permitting operation at maximum speed of 500 characters/second.



#### GENERAL DATA

<b>Reading speed</b>	Up to 500 or 1000 ch/s (choice by selector switch).
<b>Stopping distance</b>	Stop between 2 characters. Stopping distance at 500 ch/s is about 0.5 mm and at 1000 ch/s about 1 mm.
<b>Paper feed</b>	Pinch roller and capstan externally controlled.
<b>Tape quality</b>	Paper, oiled paper.
<b>Tape width, standard</b>	5 tracks, 17.5±0.1 mm 6 and 7 tracks, 22.2±0.1 mm 8 tracks, 25.4±0.1 mm
	<b>Olivetti</b>
	<b>Type-setting</b>
<b>Tape thickness</b>	6 tracks, 20.2 mm 6 tracks, 22.2 mm Max. 0.15 mm, min. 0.05 mm Spliced tape with a thickness of max. 0.2 mm
<b>Row spacing</b>	2.54 mm, 0.1 inch. The reader is unaffected by inaccurate character spacing.

#### INPUT

<b>Start pulse</b>	Negative 0.05—0.5 ms
	Upper level max. +25V min. +1V
	Lower level max. -25V min. -4V
	Input impedance 5 kohms

#### OUTPUT

<b>Information signals</b>	5—8 parallel lines and sprocket information. Negative signal at holes. Length of pulse determined by reader's tape speed. Upper level +1V Lower level -10V Output impedance max. 1 kohm
<b>Ready signal</b>	From -10V to +1V, less than 10 μs after the front edge of the start pulse. From +1V to -10V at the hole's rear edge. Max. rise and fall time: 10 μs Output impedance: Max. 1 kohm

#### DIMENSIONS

Length	Width	Height	Weight
425 mm	280 mm	195 mm	15 kg

#### ACCESSORIES

Tape supply wheel for 500 ch/s
Tape reels, inner diameter 50 mm
Tape reels, outer diameter 200 mm

#### UNIT NOTATIONS

Notations	Type of tape and tracks	Supply voltage single-phase	Supply freq.	Power consumption
PE 1001	5—8 standard	220V	50 Hz	120W
PE 1002	5—8 standard	115V	50 Hz	120W
PE 1003	5—8 standard	220V	60 Hz	120W
PE 1004	5—8 standard	115V	60 Hz	120W
PE 1005	6 square hole	220V	50 Hz	120W
PE 1006	6 square hole	115V	50 Hz	120W
PE 1011	6 type-setting	220V	50 Hz	120W
PE 1012	6 type-setting	115V	50 Hz	120W
PE 1014	6 type-setting	115V	60 Hz	120W
PE 1018	6 type-setting	240V	50 Hz	120W

### 7 imposing features

**Flexible**—versions for standard, type-setting or Olivetti tapes, convertible for 5, 6, 7 or 8 tracks, reading and winding at speeds up to 500 characters/second or 1000 characters/second.

**Dielectric reading**—radical new design departure eliminates risk of reading mistakes. Reading head contains no components which age. Unaffected by dust, dirt and incident light. Reads all tape colours—even transparent tape.

**Few movable parts**—reliable operation.

**Compact, convenient size.**

**Quiet operation**—a hushed whirr is all you hear, thanks to solid construction and well-damped mechanical movement.

**Converts quickly**—with a simple hand motion for different numbers of tracks.

**Easy to load**—you can load a new reel of tape in a few seconds.



United States, Canada, Mexico

**POTTER INSTRUMENT COMPANY, INC.**

*Exclusive Distributor for Facit Tape Equipment*

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