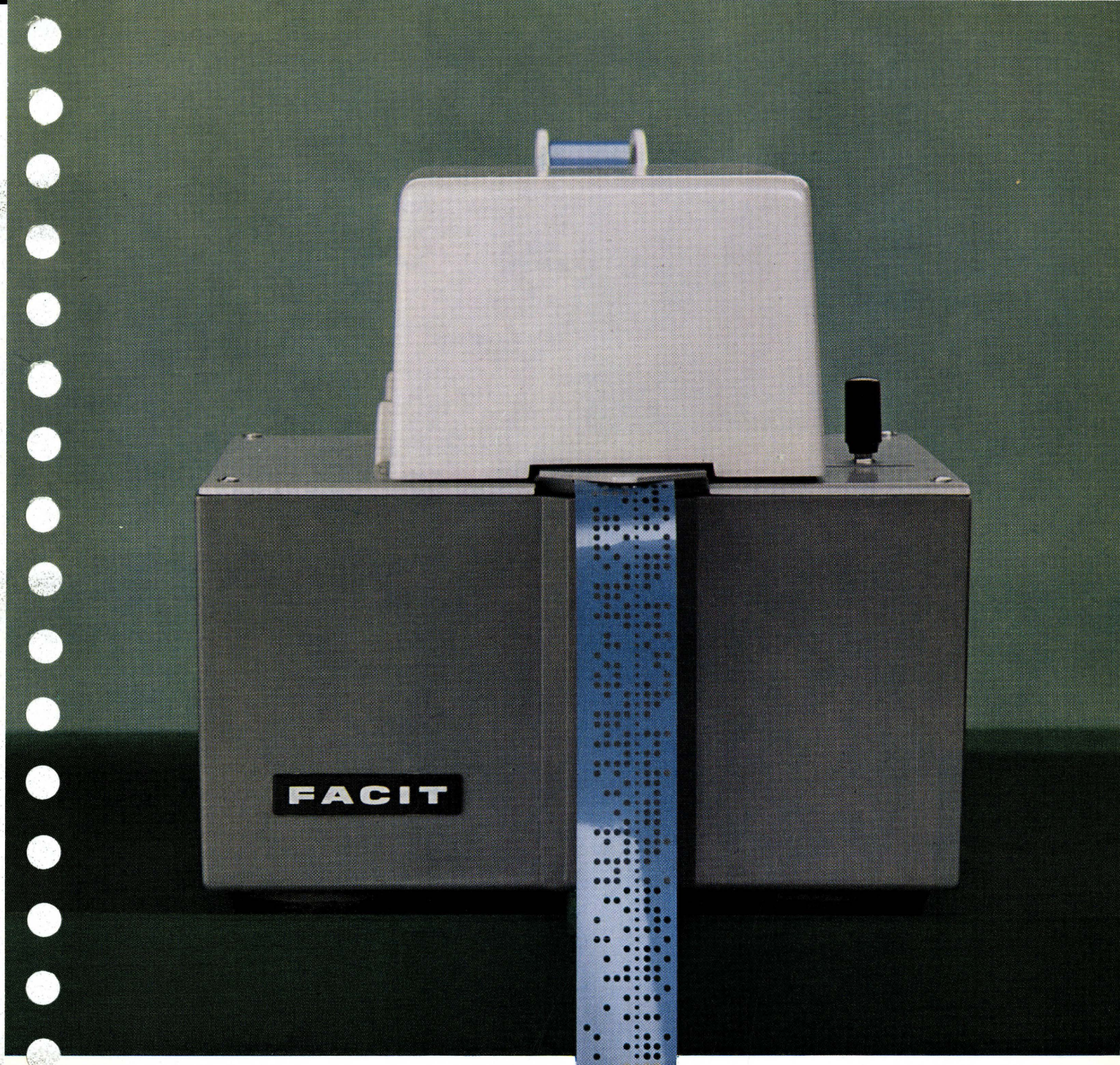


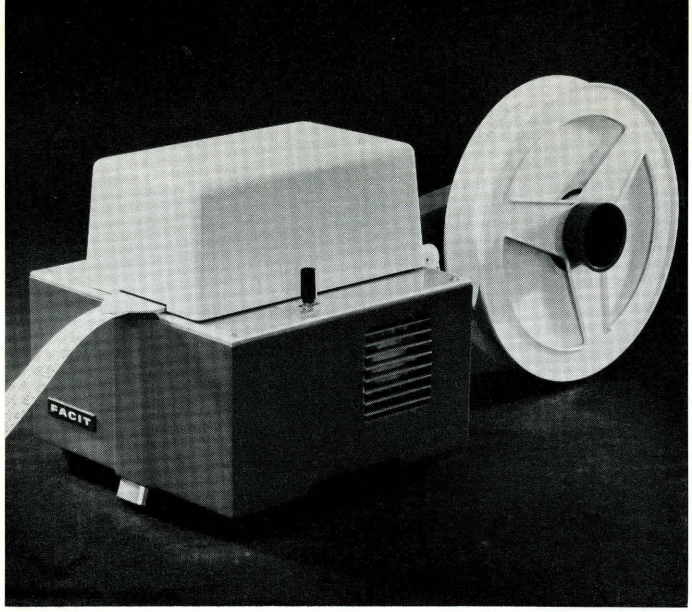
FACIT PE 1500

tape punch featuring electronic control

convertible for 5, 6, 7 or 8-track tape

punches up to 150 characters per second

Today tape punches are indispensable in the fields of data transmission and digital data recording, as well as in all complete data processing installations. The Facit PE 1500, designed for all-round duty, is now performing yeoman service in all these fields. Flexibility combined with high speed guarantees immediate and long-term returns on your Facit PE 1500 investment.



GENERAL DATA

Operating speed	Max. up to 150 characters per second
Tape feed	Intermittent externally controlled
Common code tracks	5, 6, 7 or 8
Acceptable tape width	5 tracks, 17.5±0.1 mm 6 and 7 tracks, 22.2 mm±0.1 mm 8 tracks, 25.4 mm±0.1 mm
Thickness of tape	Subsequent adjustment can be made for any tape thinner than max. 0.12 mm.
Type of tape	Paper, oiled paper, mylar, metallized mylar
Inner diameter of tape reel	50 mm
Outer diameter of tape reel	Max. 200 mm
Supply	Approx. 300 m which corresponds to about 120,000 characters
Register	Built in, stores one character, max. eight bits.
Mark character	Choice of character on request.

INPUT

Start pulse	Negative 0.1—3 ms duration Upper level max. +25 V min. + 1 V Lower level max. —25 V min. — 4 V Input impedance 5 kohms
Information signals	5, 6, 7 or 8 parallel lines. DC voltage or negative incoming pulse at least 0.1 ms duration occurring simultaneously with the start pulse. Not hole max. +25 V min. + 1 V Hole max. —25 V min. — 4 V Input impedance 5 kohms

OUTPUT

Ready signal	From — 10 V to + 1 V when information is stored in register. From + 1 V to — 10 V when punching is complete. Max. rise and fall time is 10 µs Output impedance 500 ohms.

DIMENSIONS	Length	Width	Height	Weight
Punch unit	520 mm	205 mm	220 mm	13.5 kg
Control unit	525 mm	265 mm	180 mm	15.5 kg

UNIT NOTATIONS Note*

Notations	Unit	Tape	No. of tracks	Supply voltage/freq.	Power consumption approx.
PE 1501	punch	conventional	5—8	220 V/ 50 Hz	90 W
PE 1502	punch	conventional	5—8	220 V/ 60 Hz	90 W
PE 1503	punch	conventional	5—8	115 V/ 50 Hz	90 W
PE 1504	punch	conventional	5—8	115 V/ 60 Hz	90 W
PE 1507	control		5—8	220 V/50—60 Hz	100 W
PE 1508	control		5—8	115 V/50—60 Hz	100 W
PE 1509	control		5—8	240 V/50—60 Hz	100 W
PE 1511	punch	type-setting	6	220 V/ 50 Hz	90 W
PE 1512	punch	type-setting	6	115 V/ 60 Hz	90 W
PE 1513	punch	type-setting	6	220 V/ 60 Hz	90 W

Punch and control units can be combined as follows:

Punch unit	Control unit
PE 1501	PE 1507 PE 1508
PE 1502	PE 1507 PE 1508
PE 1503	—
PE 1504	—
PE 1511	PE 1507 PE 1508
PE 1512	—
PE 1513	PE 1507 PE 1508

* When combining the punch and control unit the power to the punch unit is supplied from the control unit.

Facit PE 1500 features

Control unit—fully transistorized circuits provide feed brake and punch action plus synchronization.

Quiet, high-speed operation—speeds up to 150 characters per second assure most efficient use of your processing equipment.

Punches different tapes—both conventional round-hole tapes and type-setting tapes with advanced feed hole.

Convertible for use with 5, 6, 7 or 8-track tape. Rapid conversion can be made right on the job by a simple tape-guide alteration.

Punches different materials—not merely a single grade and thickness of paper, but mylar, metallized and other materials.

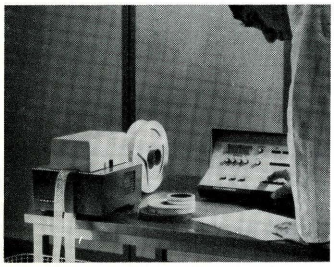
Easy to connect up—input register and wide voltage limits for input signals simplify installation.

Requires little power—full-load operation draws only 180 W.

Your choice of mark character—Select any one of 256 possible mark characters to mark the beginning or end of a data block, for example.

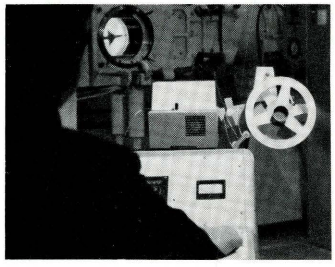
Automatic shut-off—the motor continues to operate without feeding tape two to three seconds after the last character is punched—then shuts off automatically.

The tape punch with all-round adaptability



Computer output: processed data, programs, memory contents (during debugging for example), tapes for data transmission and for the control of machines and processes.

Data transmission with high-speed receiving subsets.



Recording of laboratory data and industrial measurements. Swift and simple subsequent processing is assured when values are taped.

Duplication of tapes on special equipment, for example Facit PE 1300, which replaces worn tapes and makes conversions between various track-systems, tape materials and codes.

FACIT

United States, Canada, Mexico

POTTER INSTRUMENT COMPANY, INC.

Exclusive Distributor for Facit Tape Equipment

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