

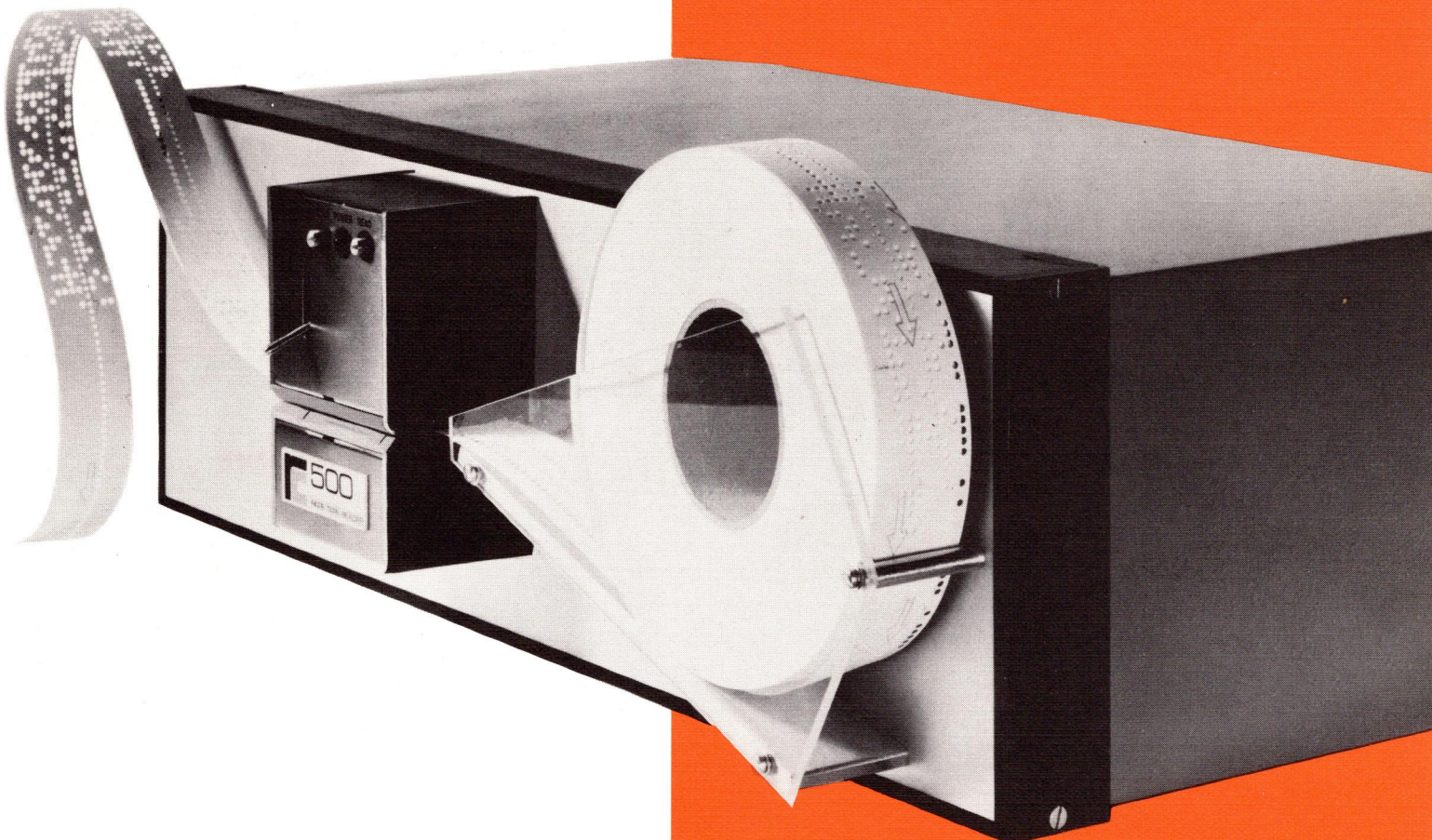


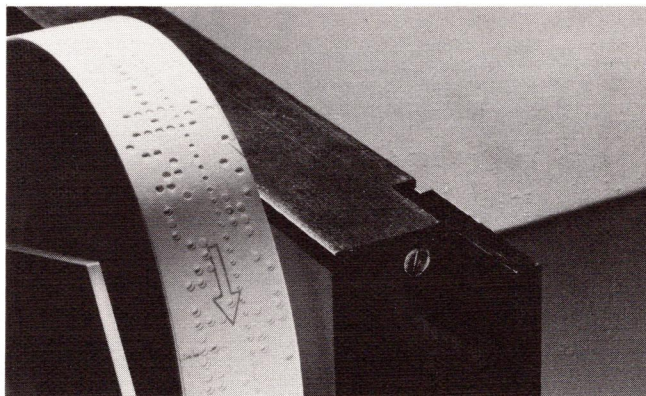
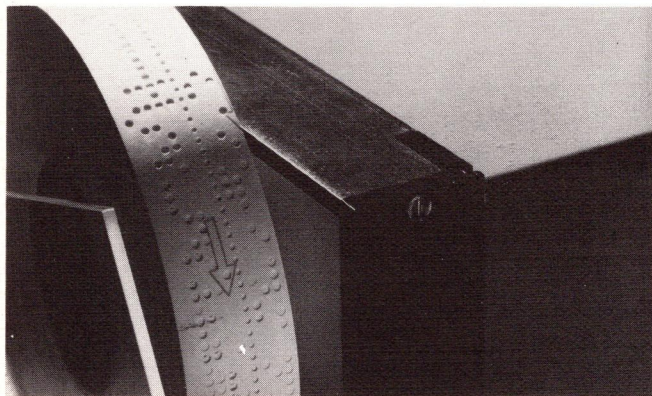
RC 500

PAPER TAPE READER

ADVANCE INFORMATION

- **5 to 8 channel tape at 500 cps**
- **All solid-state read head**
- **Easy change from table top model to rack model**





Functional Characteristics (Provisional)

Reading speed:	0-500 ch/sec.
Tape codes:	5 to 8 track ISO standard
Tape widths:	1 ¹ / ₁₆ " (17.5 mm) 5 track tape 7 ⁷ / ₈ " (22.2 mm) 6 or 7 track tape 1" (25.4 mm) 8 track tape
Tape thickness:	Max. 0.3 mm including tape splice
Tape media:	Paper, oiled paper, plastic, mylar or metallized mylar.
Interface:	Space and power for one interface board is provided. A number of interfaces for minicomputers are available.
Power:	220 VAC, 50 Hz, other voltages on request
Operating Temperature:	5° C to 45° C
Size and Weight:	Width 440 mm, table top model 482 mm (19") rack model Depth 270 mm Height 133 mm Weight 10 kg
Tape roll:	Removable tape roll magazine for tape rolls with a max. diameter of 203 mm
Option:	Fan-fold tape bins

Reliability

The RC 500 is a fully integrated photo-electric reader, which contains a servo input buffer system whereby the number of unprocessed characters in a 128 byte semiconductor buffer store regulates the reading speed. This eliminates abrupt starting and stopping, thus reducing the risk of tape damage and enabling fast, accurate reading.

The RC 500 also incorporates an all solid-state read head consisting of light emitting diodes and photo transistors. This new reading system eliminates many of the disadvantages of traditional optical readers using filament lamps.

Versatility

The RC 500 reads paper tape punched in any suitable opaque material. The standard reading units accepts 5 to 8 channel tape. The table top model may easily be changed to a 19" rack model (or vice versa).

Speed

The RC 500 reads punched paper tape continuously at an overall speed of 500 cps, while bursts of up to 80 characters can be transferred intermittently at speeds of up to 300,000 cps.

Fast loading, Easy Operation

The RC 500 can be loaded in a second, as no mechanical clutches are used in tape feeding. Everything needed for operation is found on the front panel.



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