

ENTREX MODEL 510 SERIAL PRINTER

Overview

ENTREX's Model 510 Serial Printer, printing at 165 characters-per-second, is an economical solution to the printing requirements within a data entry operation. Model 510 speed is extremely high for a serial printer and is well suited for medium volume hard copy printing of both data files and control information from disk or tape concurrent with data entry and verification.

Features

- 165 characters-per-second printing speed
- 132 characters-per-line
- 10 print positions-per-inch (horizontal)
- 6 lines-per-inch (vertical)
- Impact printing single through five-part paper
- Paper width from 4 to 14-7/8 inches
- 24 lines-per-second paper slew rate
- 64 character set
- 5 x 7 dot matrix character generation

Reliability and Maintainability

A unique print hammer concept and a clutchless paper feed mechanism are among the advanced design techniques employed to make this printer an extremely reliable device. Both the electronics and major mechanical subassemblies are of modular construction to allow rapid fault isolation and repair.

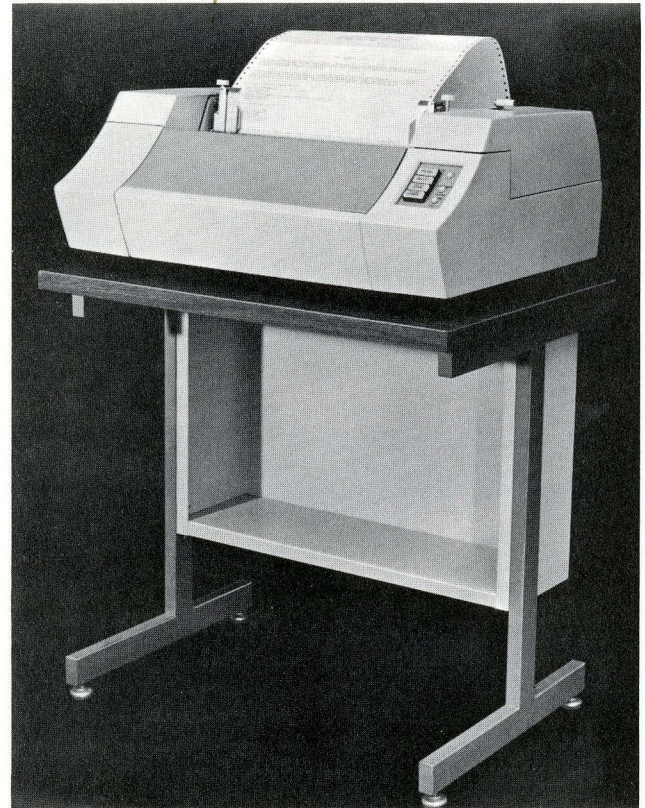
Physical Parameters

- Weight: 170 pounds including stand
- Dimensions: 35-5/8" high x 27-3/4" wide x 20" deep
- Power: 117 VAC \pm 10%, 60 Hz

System Operation

In conjunction with an ENTREX System, the Model 510 allows the User to produce multi-part reports simultaneously with data entry operations. Example applications might be:

- Error Detection and Control – Accomplished by flagging errors as they are entered, then printing a BATCH LOG for completed batches. If errors are present, their number and type can be noted and the entire erroneous record or the specific error fields can be subsequently printed for immediate correction while the source documents are at hand. Alternatively, the source documents and associated error listings can be returned to originating departments for correction.



- Operator and Batch Statistics – May be printed for reference or control purposes.
- Medium volume printing of data output files, either directly through an output edit, or through printing an off-line tape.
- Program Documentation – All ENTREX Library Programs associated with a new application such as: Input and Output formats, Batch End, Record End, Sort and Command Sequence Processor programs, may be printed after testing. When filed with display layouts and worksheets, these print-outs form a complete documentation package.
- Media Conversion:
 - Tape to Print
 - Card to Print
 - OCR to Print
 - Communications to Print
 - Disk to Print
- Unattended Operations – Data received on communications lines may be subsequently printed without operator intervention by using a Command Sequence Processor program.