

# M C M

World's first  
portable full-service  
APL computer.  
World wide  
distribution/service.



## MCP-132

# PRINTER / PLOTTER

If clean, clear, high quality, hard copy output is a requirement of your application, the MCP-132 provides a cost effective solution.

### VERSATILITY

At up to 45 characters per second — the low cost MCP-132 prints an original and up to five, clean, clear copies using standard carbon forms.

Each MCP-132 print wheel provides 96 characters and can be changed in a matter of seconds. A variety of print wheels is available in different type styles or fonts, including foreign languages.

Snap-in ribbon cartridges in fabric, one-time carbon, or two-colour ribbons, can be changed quickly, without causing messy finger smudges.

### PLOTTING

User's requiring graphic presentation will appreciate the plotting ability of the MCP-132. Under program control, the MCP-132 provides for totally variable print spacing of up to 60 positions per inch horizontally, and 48 positions per inch vertically (2880 points per sq. in. max.)

To ensure immediacy of output, maximum

carriage return time is only 400 msec with direct right and left tabulation — plus bidirectional paper feeding at a speed of 4 inches per second.

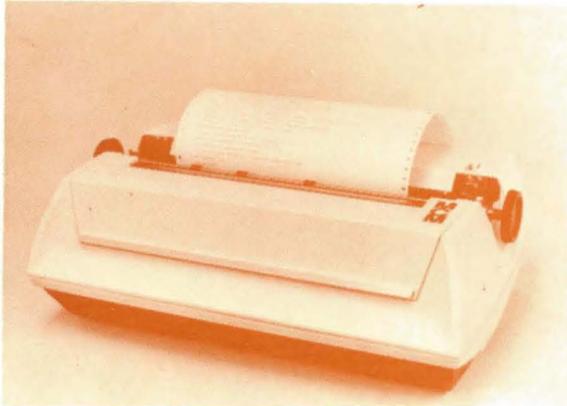
### WORD PROCESSING

Optionally — under control of MCM's TEXT/700 Word Processing Package — the MCP-132 and MCM Desktop Computer becomes a powerful, versatile word processing system — at a cost comparable to word processors alone. Simply read in the TEXT/700 cassette, request the desired text; and letters, proposals, contracts — all of those documents that used to take considerable time to prepare will be printed at up to 360 words per minute — with a quality equal or better than if it was prepared on your own typewriter. Some of the features of the TEXT/700 include — automatic left and right column justification, variable page size, automatic page centering and numbering, optional text selection and customization — every feature designed to help you professionally prepare and produce individually personalized correspondence and reports.

THE MCP-132 — A LOGICAL EXTENSION OF THE MCM MICRO COMPUTER SYSTEM

## ACCURATE

Because of the inherent accuracy of the transducer which provides both velocity and position feedback to the servo system, the carriage can be positioned in increments as small as 1/60 inch. Character selection is accomplished by a similar servo. The character wheel is moved under the control of the MCP-132 electronics. Printing only occurs when the selected character is in position and all motion is stopped.



## FAST, QUIET

Horizontal positioning of the carriage, entirely servo controlled, is quiet, vibration free, and extremely fast. Under program control the print carriage may be moved at high speed directly to any column position. No carriage return and no mechanical stops are used.

As are all MCM peripheral products, the MCP-132 Printer/Plotter is fully supported including special software drivers, hard wired into the computer, and is attached to the computer through the omnipoint cable.

## MCP-132 SPECIFICATIONS

Printer Speed: 30 to 45 characters per second

Print Line: 132 columns

Forms Width: 15 inches

Character fonts: APL, Elite, Pica, Courier, Manifold, French, German, Scandia, Kana, Etc.

Character Set: 96 characters

Horizontal Tabulation: 60 positions per inch nominal

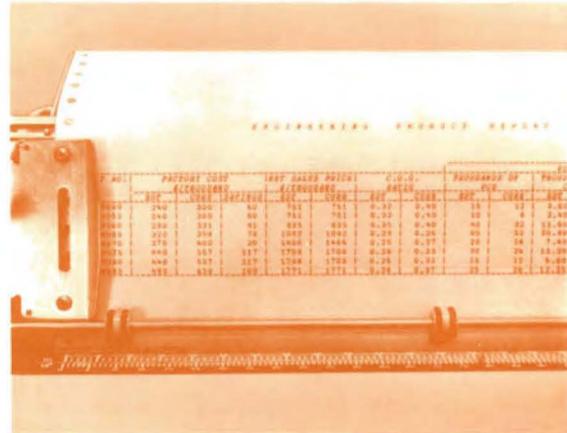
Horizontal Tab Speed: 400 ms maximum for 132 columns

Vertical Tabulation: 48 positions per inch nominal

## RELIABLE

Unique electronic control techniques that eliminate 80% of the moving parts found in conventional printers give the MCP-132 the most reliable and highest print quality characteristics available today.

MCM users dictate a requirement for high reliability under all operating conditions. The MCP-132 high quality is achieved through the use of field proven servo techniques for fast, accurate positioning of the carriage (horizontal tabbing) and for character selection.



## LOW FAILURE RATE

Mean time between failures (MTBF) for the MCP-132 is specified at 500 operating hours, compared to 50 to 200 hours for existing printers of this class.

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