

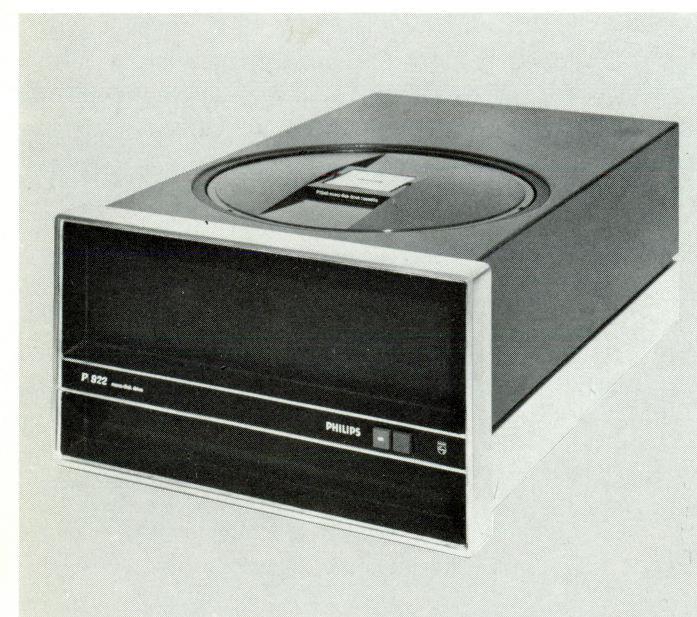
Magnetic cassette tape unit

This is a two-track serial recorder with a capacity of 338,000 characters. The transfer speed is 3000 bits a second.



Magnetic tape equipment

This is an IBM compatible tape unit that operates in standard form on 9 tracks at a density of 800 bits per inch. The reel size goes up to 10½ inches.



Disc equipment

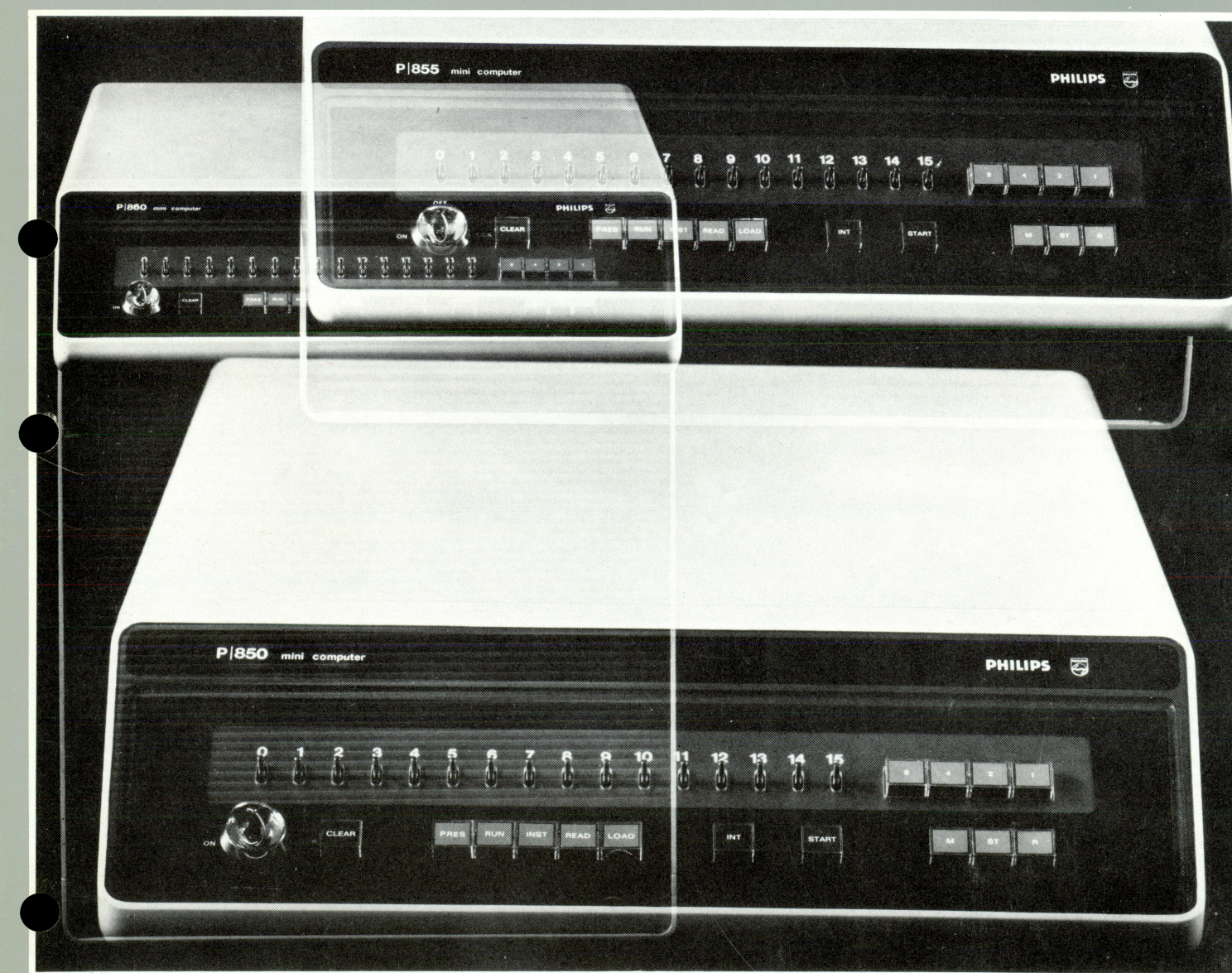
Reliable moving head disc unit already operating with success in other systems. Storage capacity of 2.7 million characters and a transfer rate of 50,000 words a second. The two read/write heads have an average access time of 165 milliseconds. Very fast fixed head disc units. Access time is only the rotational delay which is an average 10 milliseconds. Capacities of the models go up to 200k words.

PHILIPS OEM MARKETING

Industry Group Small Computers P.O. Box 245, Apeldoorn, the Netherlands
phone: 05760- 30123; telex 4 91 42

PHILIPS

peripheral equipment
P850/P855/P860



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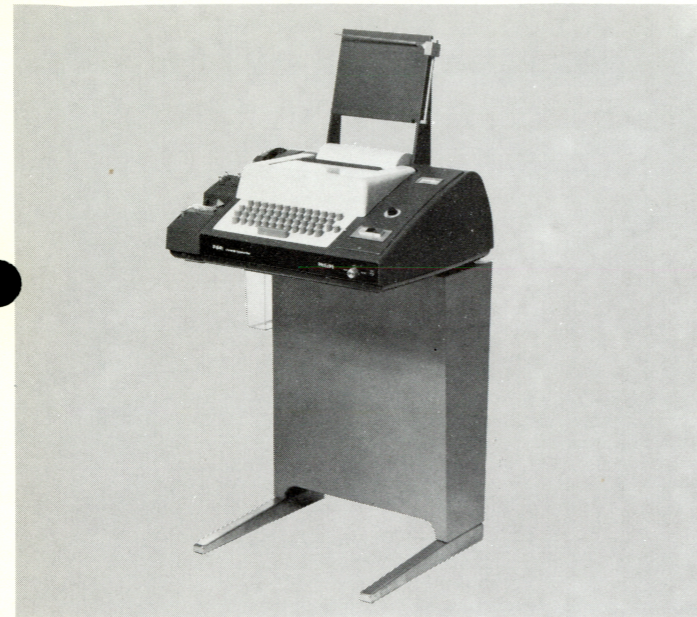
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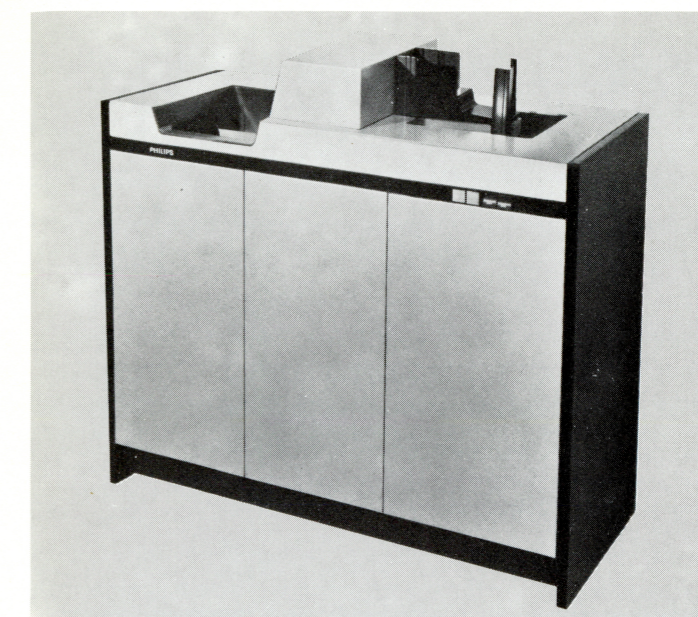
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I/O typewriter

A wide range of these units is available; ASR33, ASR35 or KSR. They come with or without punched tape facilities, and for regular or heavy duty. The standard operating speed is 10 characters a second.



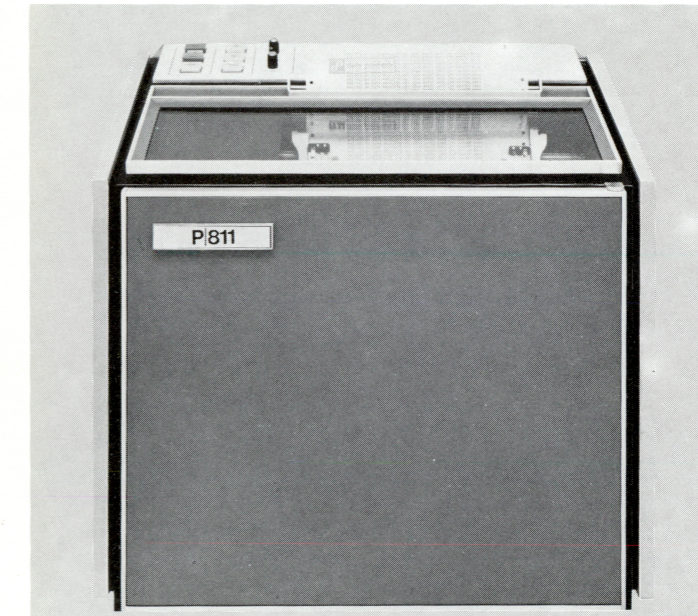
Card reader

The card reader reads up to 300 cards a minute, photoelectrically.



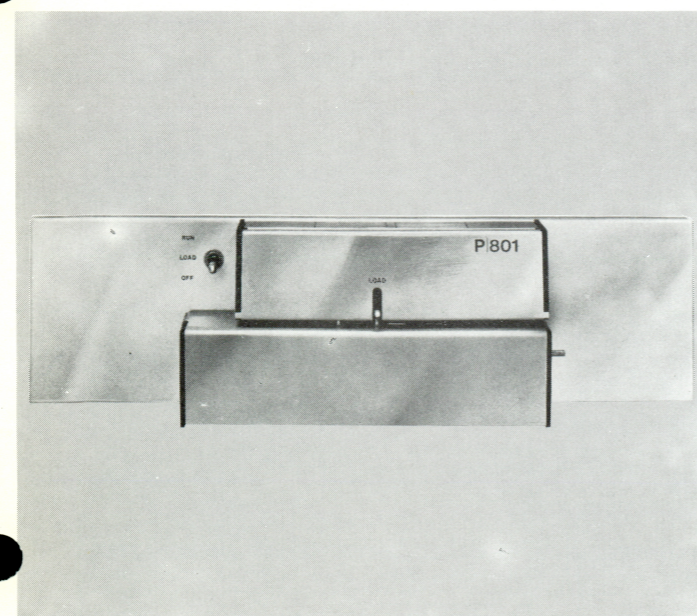
Character display unit

This has a similar function to the I/O typewriter but it is easier to transmit information and it displays it much faster than it could be printed - up to 1200 characters a second. It is possible to set up blocks of information on the screen very easily because of the special keys. If it is necessary to keep a copy of the contents of the screen, a hard copy device is available. It will print the information at the touch of a button.



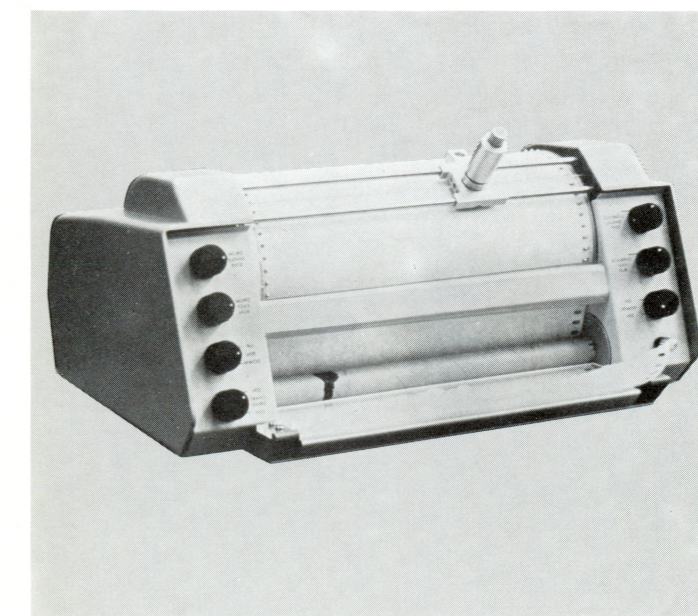
Line printers

Two models of line printer are available. The first has a printing width of 80 character positions and a speed of 356 full lines a minute. The other has a print line of 132 positions and a speed of 245 lines a minute.



Punched tape equipment

The reader operates at 333 characters a second and is adjustable for 5, 6, 7 or 8 channel tape. Take-up spool equipment is also available. There are two models of tape punch, both for standard 8-channel tape; a 75 ch.p.s. stand-alone version and a 150 ch.p.s. rack-mountable version.



Plotter

A well proven plotter is available with a step speed of up to 300 a second in each direction. The plotting width is 11 inches (28cm).

A wide range of peripheral equipment is available with the Philips mini computers. It ranges from the I/O typewriter which operates at 10 characters a second to the disc equipment that operates at 100,000 words a second. Via a wide range of additional controllers and interface cards, it is easy for a user to connect custom equipment. The connection of higher voltage equipment is possible via DIOS - Digital I/O System. It is a simple circuit board that plugs directly into the I/O bus. The analog/digital I/O system also connects easily into the I/O bus. Three data communication line control units are available; single line synchronous, single line asynchronous medium speed and asynchronous multiple low speed. Thus the range of equipment that can be connected to the P800 mini computers is almost unlimited.