

## SERIES 60 (LEVEL 6)

The Types PRU9103/9104/9105/9106 Printers are designed to provide Level 6 users with high-quality printed output at medium to high print rates of 240 to 600 lines per minute (lpm). The PRU9104/9106 and PRU9103/9105 have 64- and 96-character ASCII code sets, respectively. All printers offer 136-column printing and provide for vertical spacing of six or eight lines per inch. Format flexibility can be greatly enhanced via Option PRF9102 Vertical Format Unit which enables paper spacing to be controlled by a 12-channel paper tape. The flexibility of upper- and lowercase printing is available with the PRU9103 and 9105.

The printers interface with the Level 6 processor by means of a single-board Multiple Device Controller (MDC9101), a Printer Device-Pac (PRM9101) and a 50-foot (maximum length) cable.

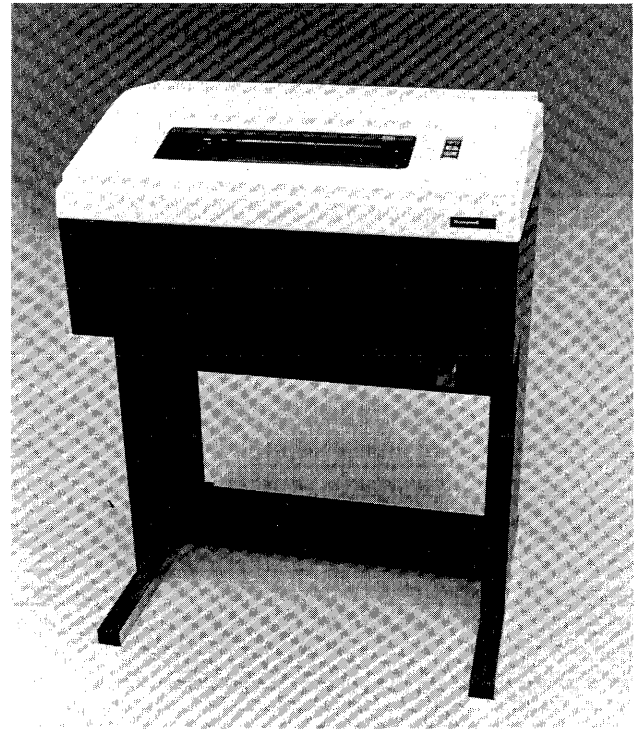
### FEATURES

- Original and up to five copies
- Simplified operation – fault indicator panel included for rapid identification of operator-correctable problems
- Easy paper loading with front-access, swing-open, drum gate mechanism
- Full line (136 characters) buffer, loaded at 5-10  $\mu$ s per character under DMA control
- Byte-mode addressing conserves memory
- Six-/eight-lines per inch selection
- Separate offline test mode for easy maintenance
- Upper/lower print capability with PRU9103/9105

### OPERATION

Printing operations for printers without the VFU option include:

- Print without spacing
- Space one to fifteen lines
- Space one to fifteen lines and print
- Space to head of form and print



For printers with the VFU option the following operations can also be performed:

- Space to channel 1 (or channels 2 through 12) and print
- Space to channel 1 (or channels 2 through 12) and do not print

All data transfers are under DMA (Direct Memory Access) control. While the printer is busy, the computer is free to perform other operations.

### SOFTWARE

The printers are software supported by Level 6 GCOS/BES I/O drivers and executive routines. A test and maintenance program assists in fault isolation and maintenance of the equipment.

## SPECIFICATIONS

### PRINT SPEED:

PRU9103 – 240 lpm

PRU9104 – 300 lpm

PRU9105 – 440 lpm

PRU9106 – 600 lpm

COLUMNS PER LINE: 136

LINE ADVANCE SPEED (ONE LINE): 50 ms (max)

PAPER SLEW SPEED: 20 ips (min)

VERTICAL SPACING: 6 or 8 lines per inch

### PRINTABLE CHARACTERS:

PRU9103/PRU9105 – 96-character set, upper- and lower-case ASCII code;

PRU9104/PRU9106 – 64-character standard ASCII code set.

PAPER STOCK: Standard fanfolded and edge-punched

Width – 4.01 in. to 15.98 in. (10.2 cm to 40.6 cm)

Distance between folds – 11.02 in. (28.0 cm)

Distance between folds with VFU option –

At 8 lines per inch – 4.01 in. to 17.99 in. (10.2 cm to 45.7 cm)

At 6 lines per inch – 4.01 in. to 23.97 in. (10.2 cm to 60.9 cm)

### Weight –

Single copy – 14.93-lb (6.72-kg) bond

Up to 6 copies – 12.22-lb (5.5-kg) bond with carbon (min)

Maximum form thickness – 0.023 in. (0.058 cm)

DEVICE INTERFACE: Each printer requires its own Device-Pac (PRM9101)

### PHYSICAL DIMENSIONS:

Height – 45 in. (114 cm)

Width – 33 in. (81 cm)

Depth – 22 in. (56 cm)

Weight – 340 lb. (150 kg)

REQUIRED INPUT POWER: 115/220 Vac  $\pm 10\%$ , 50 or 60 Hz  $\pm 2$ Hz, single-phase, 525 W

---

Specifications may change as design improvements are introduced.

# Honeywell

### Honeywell Information Systems

In the U.S.A.: 200 Smith Street, MS 486, Waltham, Massachusetts 02154

In Canada: 2025 Sheppard Avenue East, Willowdale, Ontario M2J 1W5

In Mexico: Avenida Nuevo Leon 250, Mexico 11, D.F.

16834, 31176, Printed in U.S.A.

AS79, Rev. 1