PRINTRONIX®
LINE MATRIX PRINTERS
P8000/P8000PLUS

P8000 Cartridge Printers deliver unmatched industrial durability and the lowest operating cost of virtually any print technology.

P8000 Plus models provide improved print quality and optional support for PDF & PostScript Printing, 802.1X, and IPv6.

ZERO TEAR

CABINET

OPEN PEDESTAL

PrintNet® -enterprise
POWERFUL REMOTE PRINTER MANAGEMENT

OpenPrint™
PDF AND POSTSCRIPT PRINTING

RUGGED

- Extremely high maximum monthly workload to meet & exceed the most demanding print requirements.

- Dependable operation in harsh environments withstanding humidity, extreme temperatures, and airborne contaminants.

FLEXIBLE

- Media flexibility including multi-part, wide format, labels, card stock, and recycled media.

- Flexible connectivity with standard support for Ethernet 10/100BaseT, USB 2.0, and Serial RS-232.

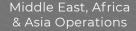- Optional: OpenPrint functionality and support for 802.1X and IPv6.

AFFORDABLE

- Ultra-low consumables cost per page is around 1/5th that of laser.

- Powerful remote management for printer configuration, firmware downloads, and diagnostics.

- Consumes less energy than laser, while generating far less consumables waste.

Let's get in touch!
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P8000/P8000PLUS
Product Specifications

CONNECTIVITY/INTERFACES

Standard	USB 2.0, Serial RS-232, Ethernet 10/100BaseT
Optional	Parallel - IEEE 1284 Centronics
Optional (P8000 Plus)	802.1X and IPv6

CHARACTER PITCH (CHARACTERS PER INCH)

10, 12, 13.3, 15, 16.7, 17.1, 18, 20

LINE SPACING (LINES PER INCH)

6, 8, 9, 10.3, n/72, n/216

GRAPHICS RESOLUTION

120 dpi Horizontal, 144 dpi Vertical (max)

DOT SIZE

P8000: 16.7 mil (.42mm) / P8000 Plus: 13.6 mil (.35mm)

EMULATIONS

Standard	LP+ (Printronix P-Series, P-Series XQ, Serial Matrix, IBM ProPrinter III XL, Epson FX-1050), ANSI, PCL 2, TN5250/TN3270, Graphics Emulation PGL & VGL
	TG: Tally ANSI (Tally Industrial Graphics), Genicom ANSI, Printronix P600 (QMS Code V) / P5000 / P6000 (PGL – TG Version), Epson FX-1180, IBM ProPrinter, MTPL (Tally Dot Matrix), HP2564C (PCL3), DEC LG01 (text only)
Optional	IPDS, DEC LG (text & graphics) OpenPrint PDF & PostScript

CHARACTER SETS

99 plus character sets including ECMA Latin 1, DEC Multinational, IBM Code Page 437 and 850, OCR A, OCR B, UTF8 encoded Unicode

CHARACTER STYLES

Bold, italic, double wide, double high, overstrike, underline, subscript and superscript

FONTS

Standard:	NLQ Serif, NLQ Sans Serif, Data Processing, High Speed, OCR A, OCR B
Optional:	35 PostScript Level 3 fonts (OpenPrint)

BARCODES

30 resident symbologies, including Code 39, EAN 8/13, UPC A/E, Intelligent Mail, Postnet, Royal Mail, Interleaved 2 of 5, PDF 417, Data Matrix, QR Code

PRINTER SOFTWARE

Printronix PrintNet Enterprise remote management software, SAP device support

PRINTER DRIVERS

Windows XP, 7, 8, 10; Windows Server 2003, 2008/R2, 2012, 2016, 2019,2022; Linux/UNIX; SAP

POWER VOLTAGE

AC input range 100-240 VAC, 50/60 HZ

MEMORY

256 MB Flash / 128 MB DDR2 DRAM

POWER CONSUMPTION (TYPICAL)

• P8P05 / P8C05 / P8Z05	320 watts
• P8P10 / P8C10 / P8Z10	320 watts
• P8C15 (P8000 Plus)	475 watts
• P8C20 (P8000 Plus)	475 watts

MAXIMUM MONTHLY WORKLOAD (PAGES)

• P8P05 / P8C05 / P8Z05	120,000
• P8P10 / P8C10 / P8Z10	240,000
• P8C15 (P8000 Plus)	360,000
• P8C20 (P8000 Plus)	480,000

POWER CONSUMPTION (STANDBY)

5 watts

OPERATING TEMPERATURE

Environmental Operating Temperature 50° to 104° F, 10° to 40° C

PAPER TYPE

Continuous, fan folded, edge-perforation

PRINT WIDTH

13.6" (345mm)

MEDIA COPIES

Up to 6 part

MEDIA LENGTH

3" (76mm) to 12" (305mm)

MEDIA THICKNESS MULTI-PART

0.025" (0.64mm) max

MEDIA WIDTH

- 3" (76mm) to 17" (432mm)
- For Zero Tear models:
  - 7.5" (191mm) to 12" (305mm) for up to 4 part carbon and 6 part carbonless
  - 7.5" (191mm) to 16" (406mm) for up to 3 part carbon and 4 part carbonless

MEDIA WEIGHT SINGLE PLY

- 15 lb. Bond to 100 lb. Tag (56 to 163 g/m2)
- For Zero Tear models:
  - 18 lb. Bond to 100 lb. Tag (67.7 to 163 g/m2) for forms up to 12" (305mm) in width
  - 20 lb. Bond to 100 lb. Tag (75.2 to 163 g/m2) for forms up to 16" (406mm) in width

MTBF

10,000 hours at 25% duty cycle and 25% page density

CONSUMABLE/RIBBONS

Standard Life Cartridge Ribbon	17,000 pages
Extended Life Cartridge Ribbon	30,000 pages

Page yield based on ISO LSA Page, 8.5" x 11" letter-size, approximately 5% coverage

DIMENSIONS & WEIGHT P8000/P8000 PLUS CABINET

Height: 40.5" (1028.7 mm), **Width:** 27" (685.8 mm), **Depth:** 29" (736.6 mm)
Printer Weight: 200 lbs (90.7 kg)
Shipping Weight: 265 lbs (120.2 kg)

DIMENSIONS & WEIGHT P8000 OPEN PEDESTAL

Height: 35.9" (911.8 mm), **Width:** 25.8" (655.3 mm), **Depth*:** 29.1/19.1" (739.1/485.1 mm)
Printer Weight: 115 lbs (52.1 kg)
Shipping Weight: 165 lbs (74.8 kg)

*With basket / Without basket

DIMENSIONS & WEIGHT P8000 ZERO TEAR

Height: 42.04" (1067.8 mm), **Width:** 25.8" (655.3 mm), **Depth*:** 31.9/19.1" (810.2/485.1 mm)
Printer Weight: 145 lbs (66 kg)
Shipping Weight: 190 lbs (86 kg)

*With basket / Without basket

PrintNet® enterprise

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