PRINTRONIX®
LINE MATRIX PRINTERS
P8000 OpenPrint HD

CABINET

OPEN PEDESTAL

ZERO TEAR

OpenPrint™
The World's Only Postscript® and PDF® Line Matrix Printer

Lowest Cost of Printing

Unmatched Reliability

Most Sustainable Print Technology

Direct ERP Connection

OpenPrint HD: P8000 Line Matrix printers with higher resolution and native PDF & PostScript support

Simplicity of PDF & PostScript printing combined with the reliability and low operating cost that only Line Matrix can deliver.

Businesses running enterprise software applications such as ORACLE®, SAP®, LINUX® and WINDOWS® deserve the option of selecting an industrial strength printing solution. OpenPrint™, the Printronix series of Line Matrix printers with higher resolution capability and exclusive firmware architecture, enables ease of connectivity to modern ERP and WMS platforms.

The Only Printing System Designed To Stand Up To The Rigors Of Industrial Environments

Thanks to OpenPrint, the industrial strength benefits of Line Matrix printing are no longer limited to legacy system environments. Native Ghostscript PostScript and PDF support allow for high quality printing of PostScript & PDF output containing text, graphics and barcodes.

Unlock the advantages of Line Matrix technology for your enterprise printing needs.

The Printronix Challenge: Can Your Printer Do This?

▶ **Consumables that are up to six times less expensive than laser printers**

▶ **Non-stop performance in industrial environments: extreme hot or cold, humidity, dust or airborne contaminants**

▶ **Jam-free operation for demanding business forms and high volume printing**

▶ **High-quality text and graphics without the need for custom coding**

OpenPrint HD: Higher-definition Line Matrix printers for PDF and PostScript printing

Open Pedestal for easy forms access with a small, maneuverable footprint.

Quiet Cabinet for large, unattended and secure print jobs.

Zero Tear for on-demand printing without forms waste.

Only Line Matrix offers proven high reliability, uptime performance and environmental responsibility. All delivered by the power of OpenPrint from Printronix.

Global Tools

GLOBAL TOOLS UNIVERSAL TOOL KIT
INCLUDING METAL CASE & TOOLS - 10 x 20 x 15

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- **GRAPHICS** = Prints graphics easily and with clarity. Forms can be designed and printed with enhancements such as non-grayscale logos, illustrations and graphics.

- **BAR CODES** = Printronix Sure Scan technology replaces embedded barcodes with printer generated barcodes for optimal readability.

- **FONTS** = Prints the full range of fonts and sizes, from 6 point to poster size. Any font that is embedded into your file, whether PostScript or PDF, will reproduce with ease.

- **NO CODING REQUIRED** = Designing and modifying business forms is quick and easy. Use any GUI form design program. Even Microsoft Word!

MOST SUSTAINABLE PRINT TECHNOLOGY Printronix Line Matrix printers last years longer, consume less electricity and generate far less consumables waste. In addition, Printronix smart cartridge ribbons are manufactured with 100% recycled plastic resin.

PRINTER MODELS

OpenPrint™ P8ZPH (Zero-Tear)
OpenPrint™ P8PPH (Open Pedestal)
OpenPrint™ P8CPH (Cabinet)

PRINT SPEED – IPM (INCHES PER MINUTE*)

	P8CPH	P8ZPH / P8PPH
180 x 180	79	64
120 x 120	165	133
90 x 180	147	119
180 x 90	147	119
90 x 90	236	191

*Specification is based on 25% vertical image density, meaning print image exists on 25% of the available vertical dot rows. If the vertical coverage is higher or lower, the speed will decrease or increase proportionally. The width of the image has no effect on the print speed. The highest resolution is typically used with high density barcode applications. OpenPrint™ has the ability to speed up when lower resolutions are used.

GRAPHICS RESOLUTION

180x180	sure scan enabled (horizontal and vertical bar codes)
120x120	sure scan enabled (horizontal and vertical bar codes)
90x180	sure scan enabled (vertical bar codes only)
180x90	sure scan enabled (horizontal barcodes only)
90x90	sure scan disabled**

**sure scan bar code optimization is enabled by default for resolutions of 120 DPI and higher. It is disabled for 90x90.

DOT SIZE

9 mil (0.23mm)

EMULATIONS

Ghostscript Postscript (Level 3 compatible) and PDF (Level 1.7 compatible) Printronix PJL is also included for job control and configuration
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COMMUNICATION INTERFACE

| Standard: | Serial RS-232, USB 2.0, Ethernet 10/100 BaseT |
| Optional: | Parallel IEEE-1284, Centronics |

FONTS

35 Standard Postscript Level 3 fonts: Bookman-Demi, Bookman-DemiItalic, Bookman-Light, Bookman-LightItalic, Courier, Courier-Oblique, Courier-Bold, Courier-BoldOblique, AvantGarde-Book, AvantGarde-BookOblique, AvantGarde-Demi, AvantGarde-DemiOblique, Helvetica, Helvetica-Oblique, Helvetica-Bold, Helvetica-BoldOblique, Helvetica-Narrow, Helvetica-Narrow-Oblique, Helvetica-Narrow-Bold, Helvetica-Narrow-BoldOblique, Palatino- Roman, Palatino-Italic, Palatino-Bold, Palatino-BoldItalic, NewCenturySchlbk-Roman, NewCenturySchlbk-Italic, NewCenturySchlbk-Bold, NewCenturySchlbk-BoldItalic, Times-Roman, Times-Italic, Times-Bold, Times-BoldItalic, Symbol, ZapfChancery-MediumItalic, ZapfDingbats

DRIVERS

Windows XP, 8, 10; Windows Server 2012, 2016; Linux/UNIX

SURE SCAN BAR CODES

EAN 8/13, UPC A/E, EAN/UPC Addon 2 or 5, Code 39, Code 128, UCC/EAN 128, Interleaved 2 of 5, Codabar, Industrial 2 of 5, BCD Matrix, Code 93, Inverted 2 of 5, IATA 2 of 5, Matrix 2 of 5, Datalogic 2 of 5

ORACLE CONNECTIVITY

Use Windows or Linux driver as required.

SAP CONNECTIVITY

SAPscript: Use Generic POST2 driver resident with SAP
SmartForms: Use Generic POST2 driver resident with SAP
Interactive Forms: Direct PostScript supported
To learn more about our SAP Vendor Alliance, visit: printronix.com/solutions/sap-integration

POWER CONSUMPTION

P8ZPH	475 Watts Printing, 5W Standby
P8PPH	475 Watts Printing, 5W Standby
P8CPH	475 Watts Printing, 5W Standby

OPERATING ENVIRONMENT

Operating Temperature:	50° to 104° F, 10° to 40° C
Power Voltage:	Line Auto Ranging 100-120 VAC, 200-240 VAC, 50/60 Hz (+/-10%)
Acoustic Noise:	55dB - P8CPH, 65dB - P8PPH, 68dB - P8ZPH
Environmental Advantage:	Improved handling of recycled paper, faster power-up from sleep mode than laser printers

MEDIA SPECIFICATIONS

Form Thickness:	Maximum 0.025" (0.64mm)
Form Length:	3" (76mm) to 12" (305mm) maximum
Form Copies:	Up to 4 part
Form Width:	3" (76mm) to17" (432mm) maximum For Zero Tear models: 7.5" (191mm) to 16" (406mm) for up to 4 part carbonless.
Form Weight:	15 lb. bond to 100 lb. Tag For Zero Tear models:18 lb. bond to 100 lb. Tag 67.7 to 163 gm/M2 for forms up to 12" (305mm) in width. 20 lb. bond to 100 lb. Tag 75.2 to 163 gm/M2 for forms up to 16" (406mm) in width.

FORMS HANDLING

Type:	Continuous, fan folded, edge-perforation
Paper Path:	Straight through paper path with easy-load twin adjustable tractors
Feed:	Bottom feed
Forms:	Paper-out detector/alarm, paper motion detector/alarm
Print Width:	13.6" (345mm)

MEAN TIME BETWEEN FAILURE

10,000 hours

GENUINE PRINTRONIX CARTRIDGE RIBBONS

Extended Life HD Cartridge Ribbon: 34,000 pages
Estimated page yield based on ISO LSA page, 8.5"x11" letter size; approximately 5% coverage

PRINTRONIX®

WHEN RELIABILITY COUNTS

PTX-30043A

CDG

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