PRINTRONIX®

P8000H Line Matrix Printers

Flexible Design | Adaptable Functionality | Manageable Savings

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P8000H Cartridge Printers Deliver New Designs, Enhanced Convenience and Lower Operating Cost

Printronix introduces design enhancements and improved functionality with the P8000H Cartridge Printer series to achieve the broadest flexibility, greatest compatibility and lowest ownership cost of virtually any other print technology. The series builds upon the workhorse tradition of all Printronix line matrix technology delivering maximum uptime, low cost of ownership, and reliable performance. The P8000H series is the ideal solution for buyers looking to minimize operating expense without sacrificing output reliability, regardless of operating environment.

FLEXIBLE DESIGN

Printronix modified its industry-leading line matrix technology to address evolving user requirements.

- **Modular enclosures** occupy a smaller footprint while delivering location and installation flexibility

- **Sheet metal construction** for increased durability and better acoustics

- **New user interface** with larger LCD screen, graphical display and intuitive menu navigation

- **Remote printer diagnostics** let you monitor printer status and remotely configure settings & firmware

ADAPTABLE FUNCTIONALITY

The **P8000H** Cartridge series adapts to almost any supply-chain or back-office environment.

- **USB 2.0, Serial, Parallel and Ethernet** connectivity included as standard features.

- **High resolution capabilities** that improve user experience with support of Asian fonts

MANAGEABLE SAVINGS

The **P8000H** Cartridge Printer is a smart purchase

- **Lowest cost of ownership** of any print technology.

- **Durable design minimizes** downtime related to unfavorable environmental conditions.

- **Backwards-compatible cartridge ribbons** reduce inventory management costs.

- **Energy efficient technology** lowers idle power consumption and boosts operating efficiency.
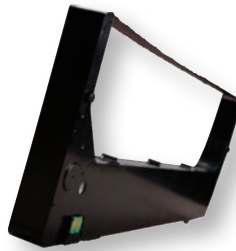
Five Reasons Your Company Needs Line Matrix Printers

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In a world of expensive to maintain laser printers it is smart to consider the latest advancement in line matrix cartridge printing before choosing a print technology. Printronix has consistently pioneered new innovations to ensure this technology remains highly competitive and relevant for today's printing applications. Here are five reasons to consider the latest generation of Line Matrix Cartridge printers.

1 Lowest Cost of Ownership

- The average lifespan of a line matrix printer is 7 to 10 years as compared to only 3 years for laser printers.
- Cartridge Ribbons are up to six times less expensive than laser toner cartridges.
- As print volume increases, consumable savings grow dramatically.
- Cartridge ribbons give users up to 20% improvement in consumable cost per page over spool type ribbons used by legacy line printers.

2 Productivity

- Line Matrix printers deliver unmatched, up-time and reliability.
- Document integrity is more easily maintained with continuous forms media as opposed to cut sheets.
- PrintNet Enterprise, our remote printer management utility, delivers visibility and remote control for all network connected devices.

3 Reliable Performance in Any Environment

- Line Matrix printers perform reliably in non-climate controlled environments where temperature, humidity and airborne contaminants cause form feeding and print quality issues for other print technologies.

4 Application Adaptability

- Many Independent Software Vendors provide label design software and ERP solutions that natively support the Printronix language for graphics, text and barcode images.
- Line Matrix remains the best technology for printing multi-part forms, oversize media, labels, card stock, and other non-typical media types.

5 Environmentally Friendly

- When compared to laser printers, Line Matrix Printers consume as little as 1/3rd the energy when printing, and 1/7th the energy when in standby mode.
- Throughout their life span, Line Matrix Printers will generate far less landfill waste from consumables, packaging and printer hardware.
- Cartridge ribbons emit none of the fine particulate emissions generated by laser printers.

DISTRIBUTION

AUTOMOTIVE

MANUFACTURING

TRANSPORTATION

FINANCIAL

P8000H Line Matrix Printers

The flagship model in the series, the **P8000H Open Pedestal** is a dependable line matrix printer that delivers maximum uptime and lowest total cost of ownership. Its compact size makes it easy to move within your environment and is ready to plug into your network and start printing from day one.

PRINTER CABINET STYLE	Open Pedestal	
Standard Features & Options	**P8003H / LMPPLS & P8006H / LMPPHS**	
Integrated Print Management	Standard	
Ribbon Life Monitor	Standard	
Black back forms paper out sensor	Option	
Rear slide out paper drawer		
Cabinet front paper access		
Extended forms support doors		
High rear paper tray	Option	
Low rear paper tray	Standard	
Acoustic shroud	Option	
Dimensions	**With Basket**	**Without Basket**
Height	35.9" (911.8 mm)	35.9" (911.8 mm)
Width	25.8" (655.3 mm)	25.8" (655.3 mm)
Depth	29.1" (739.1 mm)	19.1" (485.1 mm)
Printer Weight	115 lbs (52 Kg)	N/A
Shipping Printer Weight	160 lbs (73 Kg)	N/A
Environmental Noise	**P8003H**	**P8006H**
Acoustic Noise (dBA) per ISO 7779	62	65

PRINTER MODEL NUMBER	P8003H	P8006H
Print Speed	**LPM, Double Byte Character**	
Letter Quality	177	315
Near Letter Quality	195	348
Normal	221	390
High Speed	258	460
Super High Speed	340	603
Ultra High Speed	367	655
Paper Feed Speed	**Inches (mm) per second**	
Speed	16 (406)	25 (635)

The **P8000HZT Zero Tear** is the specialized cartridge line matrix printer choice for customers using pre-printed and serialized documents that require print on demand, single form tear-off usability. The Zero Tear is designed to eliminate wasted forms and reduce operating costs.

PRINTER CABINET STYLE	Open Pedestal Zero Tear	
Standard Features & Options	**P8003HZT / LMPPLS & P8006HZT / LMPPHS**	
Integrated Print Management	Standard	
Ribbon Life Monitor	Standard	
Black back forms paper out sensor		
Rear slide out paper drawer		
Cabinet front paper access		
Extended forms support doors		
High rear paper tray	Standard	
Low rear paper tray		
Acoustic shroud		
Dimensions	**With Basket**	**Without Basket**
Height	42.04" (1067.8 mm)	42.04" (1067.8 mm)
Width	25.8" (655.3 mm)	25.8" (655.3 mm)
Depth	31.9" (810.2 mm)	19.1" (485.1 mm)
Printer Weight	145 lbs (66 Kg)	N/A
Shipping Printer Weight	190 lbs (86 Kg)	N/A
Environmental Noise	**P8003HZT**	**P8006HZT**
Acoustic Noise (dBA) per ISO 7779	66	70

PRINTER MODEL NUMBER	P8003HZT	P8006HZT
Print Speed	**LPM, Double Byte Character**	
Letter Quality	177	315
Near Letter Quality	195	348
Normal	221	390
High Speed	258	460
Super High Speed	340	603
Ultra High Speed	367	655
Paper Feed Speed	**Inches (mm) per second**	
Speed	16 (406)	25 (635)

P8000H Line Matrix Printers

The **P8000H Enclosed Cabinet** is the preferred choice for print environments where acoustic emissions need to be kept to a minimum. Its modular design, wide selection of paper handling options, and reliable performance make it ideal for office environments or noise adverse areas running large, unattended print applications.

PRINTER CABINET STYLE	Cabinet		
Standard Features & Options	**P8203H / LMPCLS**	**P8206H / LMPCHS**	**P8208H / LMPCHS**
Integrated Print Management	Standard	Standard	Standard
Ribbon Life Monitor	Standard	Standard	Standard
Black back forms paper out sensor	Option	Option	Option
Rear slide out paper drawer	Option	Option	Option
Cabinet front paper access	Option	Option	Option
Extended forms support doors	Option	Option	Option
High rear paper tray			
Low rear paper tray			
Acoustic shroud			
Dimensions	**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 Printer Weight	265 lbs (120.2 Kg)		
Environmental Noise	**P8203H**	**P8206H**	**P8208H**
Acoustic Noise (dBA) per ISO 7779	50	52	55
PRINTER MODEL NUMBER	**P8203H**	**P8206H**	**P8208H**
Print Speed	**LPM, Double Byte Character**		
Letter Quality	177	315	390
Near Letter Quality	195	348	430
Normal	221	390	485
High Speed	258	460	570
Super High Speed	340	603	745
Ultra High Speed	367	655	805
Paper Feed Speed	**Inches (mm) per second**		
Speed	20 (508)	25 (635)	32 (813)

CONNECTIVITY

Reliable Connectivity, Seamless Installation and Robust Remote Printer Management

CONTROL YOUR ENTIRE GLOBAL PRINTING NETWORK FROM ANYWHERE =
Achieve higher efficiency and improve your company's productivity with PrintNet Enterprise™ remote printer management software. PrintNet Enterprise is a valuable time-saving tool for your mission critical operation.

PRINTNET ENTERPRISE = Total control. Your worldwide print operation is at your fingertips with PrintNet Enterprise. By combining the recommended integrated Ethernet adapter and Java-based software, remote printer management extends your reach from anywhere you have a computer and connectivity.

- Configure and monitor printers from any desktop computer and any location in the world
- Designate events and be alerted to printer issues with email, pager or mobile phone alerts
- Complete compatibility with any Printronix product when equipped with the optional Ethernet

PRINTNET WEBPAGE = Printer management made simple. You now have access and control of your printer through any internet browser. Full configuration of printer menus, including uploading and downloading of saved configurations from your PC. Easy file management for quick downloads and uploads of forms, fonts, and logos. Printer status monitoring for real time updates. Diagnostics capabilities including job capture and firmware download.

CONNECTIVITY/INTERFACES

Standard	Ethernet 10/100 Base T
	USB 2.0
	Serial RS-232
or	
	Parallel - IEEE-1284 Centronics
	USB 2.0
	Serial RS-232

CHARACTER PITCH (CHARACTERS PER INCH)

Double Byte Characters	5, 6, 7, 7.5
Single Byte Characters	10, 12, 13.3, 15, 16.7, 17.1, 20

LINE SPACING (LINES PER INCH)

6, 8, n/120, n/180

GRAPHICS RESOLUTION

180 dpi Horizontal, 180 dpi Vertical (max)

EMULATIONS

Standard	LQ1600K
Optional	OKI (Hanzi GB only)

CHARACTER SETS

Hanzi GB	GB 18030-2000, UTF8 encoded Unicode
Hanzi BIG5	BIG5, CNS, TCA, WTEN, IBM 5550, TELETEXT, WANG, BIG5+, BIGE, UTF8 encoded Unicode
Hangul KS	Unified Hangul code, UHC (KSC 5601-1992), UTF8 encoded Unicode
KANJI SJIS	Shift JIS, UTF8 encoded Unicode

FONTS

Letter Quality, Near Letter Quality, Normal, High Speed, Super High Speed, Ultra High Speed, SONG for Hanzi GB, MING for Big5

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

PRINTER SOFTWARE

Printronix PrintNet Enterprise remote management software, SAP device support

PRINTER DRIVERS

Microsoft Window XP/Vista/2003/2008/7

POWER VOLTAGE

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

POWER CONSUMPTION (TYPICAL-MAXIMUM)

• P8003H / P8203H	300 watts Max 320 watts
• P8006H / P8206H	435 watts Max 601 watts
• P8208H	450 watts Max 601 watts

POWER CONSUMPTION

Less than 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; up to 4 part for Zero Tear models

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 gm/M^2)
- For Zero Tear models:
  - 18 lb. Bond to 100 lb. Tag (67.7 to 163 gm/M^2) for forms up to 12" (305mm) in width
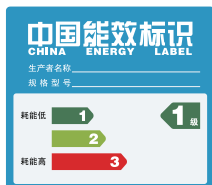 - 20 lb. Bond to 100 lb. Tag (75.2 to 163gm/M^2) for forms up to 16" (406mm) in width

MTBF

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

CONSUMABLE/RIBBONS

Standard Life HD Cartridge Ribbon	18,000 pages
Extended Life HD Cartridge Ribbon	34,000 pages

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

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