



6800

Line Matrix
Printers



Flexible Design | Adaptable Functionality | Manageable Savings



6800 Cartridge Printers Deliver New Designs, Enhanced Convenience and Lower Operating Cost

TallyGenicom introduces design enhancements and improved functionality with the 6800 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 TallyGenicom line matrix technology delivering maximum uptime, low cost of ownership, and reliable performance. The 6800 series is the ideal solution for buyers looking to minimize operating expense without sacrificing output reliability, regardless of operating environment.

FLEXIBLE DESIGN

TallyGenicom 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 **6800** Cartridge series adapts to almost any supply-chain or back-office environment.

- **USB 2.0, Serial and Ethernet included** as standard features
- **PowerPrint™** delivers improved print quality and print darkness on multi-part forms by increasing impact energy. Comes standard on 500 & 1000lpm **6800** models.

MANAGEABLE SAVINGS

The **6800** 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. TallyGenicom 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 five 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 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

- 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.
- 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.



6800 Line Matrix Printers

The flagship model in the series, the **6800 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	P8P05 / P8P10	
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 (52.1 Kg)	115 lbs (52.1 Kg)
Shipping Printer Weight	165 lbs (74.8 Kg)	165 lbs (74.8 Kg)
Environmental Noise	P8P05	P8P10
Acoustic Noise (dBA) per ISO 7779	62	65
PRINTER CONFIGURATION	P8P05	P8P10
Print Speed	LPM, upper case/lower case characters	
High Speed (Draft)	500/428	1000/856
Data Processing	375/300	750/600
Near Letter Quality	200/154	400/306
Graphics Speed	Inches (mm) per minute	
60 x 48 dpi	63 (1600)	125 (3175)
60 x 72 dpi	42 (1067)	83 (2108)
90 x 96 dpi	21 (533)	42 (1067)
Paper Feed Speed	Inches (mm) per second	
Speed	12 (305)	20 (508)



The **6800 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	Zero Tear	
Standard Features & Options	P8Z05 / P8Z10	
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	P8Z05	P8Z10
Acoustic Noise (dBA) per ISO 7779	64	68
PRINTER CONFIGURATION	P8Z05	P8Z10
Print Speed	LPM, upper case/lower case characters	
High Speed (Draft)	500/428	1000/856
Data Processing	375/300	750/600
Near Letter Quality	200/154	400/306
Graphics Speed	Inches (mm) per minute	
60 x 48 dpi	63 (1600)	125 (3175)
60 x 72 dpi	42 (1067)	83 (2108)
90 x 96 dpi	21 (533)	42 (1067)
Paper Feed Speed	Inches (mm) per second	
Speed	12 (305)	20 (508)

6800 Line Matrix Printers



The **6800 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	P8C05 / P8C10		P8C15 / P8C20	
Integrated Print Management	Standard		Standard	
Ribbon Life Monitor	Standard		Standard	
Black back forms paper out sensor	Option		Option	
Rear slide out paper drawer	Option		Option	
Cabinet front paper access	Option		Option	
Extended forms support doors	Option		Option	
High rear paper tray				
Low rear paper tray				
Acoustic shroud				
Dimensions	Cabinet		Cabinet	
Height	40.5" (1028.7 mm)		40.5" (1028.7 mm)	
Width	27" (685.8 mm)		27" (685.8 mm)	
Depth	29" (736.6 mm)		29" (736.6 mm)	
Printer Weight	200 lbs (90.7 Kg)		200 lbs (90.7 Kg)	
Shipping Printer Weight	265 lbs (120.2 Kg)		265 lbs (120.2 Kg)	
Environmental Noise	P8C05	P8C10	P8C15	P8C20
Acoustic Noise (dBA) per ISO 7779	50	50	52	55
PRINTER CONFIGURATION	P8C05	P8C10	P8C15	P8C20
Print Speed	LPM, upper case/lower case characters			
High Speed (Draft)	500/428	1000/856	1500/1289	2000/1700
Data Processing	375/300	750/600	1125/900	1500/1200
Near Letter Quality	200/154	400/306	600/459	800/615
Graphics Speed	Inches (mm) per minute			
60 x 48 dpi	63 (1600)	125 (3175)	187 (4750)	250 (6350)
60 x 72 dpi	42 (1067)	83 (2108)	127 (3226)	167 (4242)
90 x 96 dpi	21 (533)	42 (1067)	61 (1549)	83 (2108)
Paper Feed Speed	Inches (mm) per second			
Speed	12 (305)	20 (508)	25 (635)	39 (991)



CONNECTIVITY

Reliable Connectivity, Seamless Installation and Robust Remote Printer Management



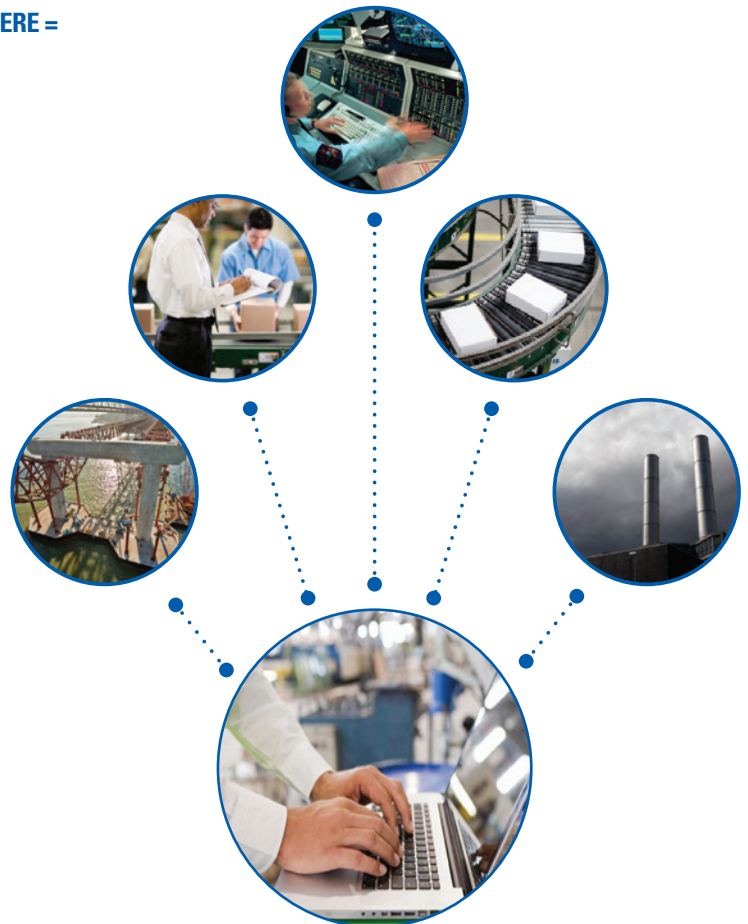
CONTROL YOUR ENTIRE GLOBAL PRINTING NETWORK FROM ANYWHERE =

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 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 or mobile phone alerts

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.



6800 Product Specifications

CONNECTIVITY/INTERFACES

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

CHARACTER PITCH (CHARACTERS PER INCH)

5, 6, 6.7, 7.5, 8.3, 8.6, 10, 12, 13.3, 15, 16.7, 17.1, 20

LINE SPACING (LINES PER INCH)

1.5, 2, 3, 4, 5, 6, 8, 9, 10, 12

GRAPHICS RESOLUTION

120 dpi Horizontal, 144 dpi Vertical (max)

DOT SIZE

13.6 mil (.35mm)

EMULATIONS

Standard	Tally ANSI, Genicom ANSI, P5000/P600/P6000, Epson FX-1180, IBM Proprinter, MTPL (Tally Dot Matrix), PGL (TG Version), QMS Code V, Tally Industrial Graphics, PCL3, HP-2564C, /DEC LG01
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CHARACTER SETS

47 languages and 43 Character Sets

CHARACTER STYLES

Bold, italic, superscript, subscript, underline, overline, strike-through

FONTS

Draft, Data Processing, Courier, Gothic, OCR-A and B

BARCODES

Code 39, Code 128, Interleaved 2 of 5, UPC-A, UPC-E, EAN 13, EAN 128, Codobar, MSI, PDF-417, Postnet, Intelligent Mail Barcode (IMB)

PRINTER SOFTWARE

PrintNet Enterprise remote management software, SAP device support.

PRINTER DRIVERS

Windows XP, 7, 8, 10; Windows Server 2003, 2008/R2, 2012

POWER VOLTAGE

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

POWER CONSUMPTION (TYPICAL)

• P8P05 / P8C05 / P8Z05	320 watts
• P8P10 / P8C10 / P8Z10	320 watts
• P8C15	475 watts
• P8C20	475 watts

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 gm/M²)
- 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 163gm/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