A large, blue industrial printer unit with a control panel on the right side, set against a blue background with a grid pattern.

**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.

- **More models** to fit your unique requirements including the new Tabletop Printer
- **USB 2.0** and Serial connectivity included as standard features. Parallel & Ethernet available as options.
- **PowerPrint™** delivers improved print quality and print darkness on multi-part forms by increasing impact energy. Comes standard on **6800** printers with a 1,000 line-per-minute print speed.

### 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

# 5

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 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 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, Energy Star® certified 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

# 6800 Line Matrix Printers

With the new **6800 Tabletop** line matrix printer, you receive maximum uptime and low total cost of ownership in the smallest footprint available. The Tabletop design provides flexibility to your industrial printing environment and is the industry's best solution when you need to optimize space and seek portability.



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	Tabletop		Open Pedestal	
<b>Standard Features &amp; Options</b>	<b>6805 / 6810</b>		<b>6805 / 6810</b>	
Integrated Print Management	Standard		Standard	
Ribbon Life Monitor	Standard		Standard	
SureStak Power Stacker				
Black back forms paper out sensor	Option		Option	
Rear slide out paper drawer				
Cabinet front paper access				
Extended forms support doors				
High rear paper tray			Available mid-2013	
Low rear paper tray			Standard	
Acoustic shroud			Option	
<b>Dimensions</b>	<b>6805 / 6810</b>		<b>With Basket</b>	<b>Without Basket</b>
Height	18.3" (464.8 mm)		35.9" (911.8 mm)	35.9" (911.8 mm)
Width	25.8" (655.3 mm)		25.8" (655.3 mm)	25.8" (655.3 mm)
Depth	19.1" (485.1 mm)		29.1" (739.1 mm)	19.1" (485.1 mm)
Printer Weight	100 lbs (45.4 Kg)		115 lbs (52.1 Kg)	115 lbs (52.1 Kg)
Shipping Printer Weight	150 lbs (68 Kg)		165 lbs (74.8 Kg)	165 lbs (74.8 Kg)
<b>Environmental Noise</b>	<b>6805</b>	<b>6810</b>	<b>6805</b>	<b>6810</b>
Acoustic Noise (dBA) per ISO 7779	64.4	69.4	60.5	65.5
<b>PRINTER MODEL NUMBER</b>	<b>6805</b>	<b>6810</b>	<b>6805</b>	<b>6810</b>
<b>Print Speed</b>	<b>LPM, upper case/lower case characters</b>		<b>LPM, upper case/lower case characters</b>	
High Speed (Draft)	500/428	1000/856	500/428	1000/856
Data Processing	375/300	750/600	375/300	750/600
Near Letter Quality	200/154	400/306	200/154	400/306
<b>Graphics Speed</b>	<b>Inches (mm) per minute</b>		<b>Inches (mm) per minute</b>	
60 x 48 dpi	63 (1600)	125 (3175)	63 (1600)	125 (3175)
60 x 72 dpi	42 (1067)	83 (2108)	42 (1067)	83 (2108)
90 x 96 dpi	21 (533)	42 (1067)	21 (533)	42 (1067)
<b>Paper Feed Speed</b>	<b>Inches (mm) per second</b>		<b>Inches (mm) per second</b>	
Speed	12 (305)	20 (508)	12 (305)	20 (508)

\*Not available at time of printing

The **6800ZT 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.



*Available mid-2013*

The **6800 Enclosed Pedestal** comes equipped with all the built-in quality, reliability and performance of the top-of-the-line TallyGenicom 6800 Cabinet printer, but in a smaller and more compact footprint.



It is the perfect line matrix printer solution for customers looking for a quiet, versatile, dependable, pedestal-style printer for use in an office with space limitations.

Open Pedestal Zero Tear		Enclosed Pedestal	
6805ZT / 6810ZT		6805 / 6810	
Standard		Standard	
Standard		Standard	
Option		Option	
Standard		Standard	
Standard		Standard	
With Basket	Without Basket	With Basket	Without Basket
42.04" (1067.8 mm)	42.04" (1067.8 mm)	35.9" (911.8 mm)	35.9" (911.8 mm)
25.8" (655.3 mm)	25.8" (655.3 mm)	25.8" (655.3 mm)	25.8" (655.3 mm)
31.9" (810.2 mm)	19.1" (485.1 mm)	35.6" (904.2 mm)	25.6" (650.2 mm)
N/A*	N/A*	150 lbs (68 Kg)	150 lbs (68 Kg)
N/A*	N/A*	190 lbs (86.1 Kg)	190 lbs (86.1 Kg)
6805ZT	6810ZT	6805	6810
70	70	56.5	59.9
6805ZT	6810ZT	6805	6810
LPM, upper case/lower case characters		LPM, upper case/lower case characters	
500/428	1000/856	500/428	1000/856
375/300	750/600	375/300	750/600
200/154	400/306	200/154	400/306
Inches (mm) per minute		Inches (mm) per minute	
63 (1600)	125 (3175)	63 (1600)	125 (3175)
42 (1067)	83 (2108)	42 (1067)	83 (2108)
21 (533)	42 (1067)	21 (533)	42 (1067)
Inches (mm) per second		Inches (mm) per second	
12 (305)	20 (508)	12 (305)	20 (508)



**CABINET MODELS** →  
(Next page)

# 6800 Line Matrix Printers

The **6800 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	6805 / 6810		6815 / 6820	
Integrated Print Management	Standard		Standard	
Ribbon Life Monitor	Standard		Standard	
SureStak Power Stacker			Option	
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	With SureStak
Height	40.5" (1028.7 mm)		40.5" (1028.7 mm)	40.5" (1028.7 mm)
Width	27" (685.8 mm)		27" (685.8 mm)	27" (685.8 mm)
Depth	29" (736.6 mm)		29" (736.6 mm)	33" (838.2 mm)
Printer Weight	200 lbs (90.7 Kg)		200 lbs (90.7 Kg)	240 lbs (108.8 Kg)
Shipping Printer Weight	265 lbs (120.2 Kg)		265 lbs (120.2 Kg)	300 lbs (136 Kg)
Environmental Noise	6805	6810	6815	6820
Acoustic Noise (dBA) per ISO 7779	50	50	52	55
PRINTER MODEL NUMBER	6805	6810	6815	6820
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



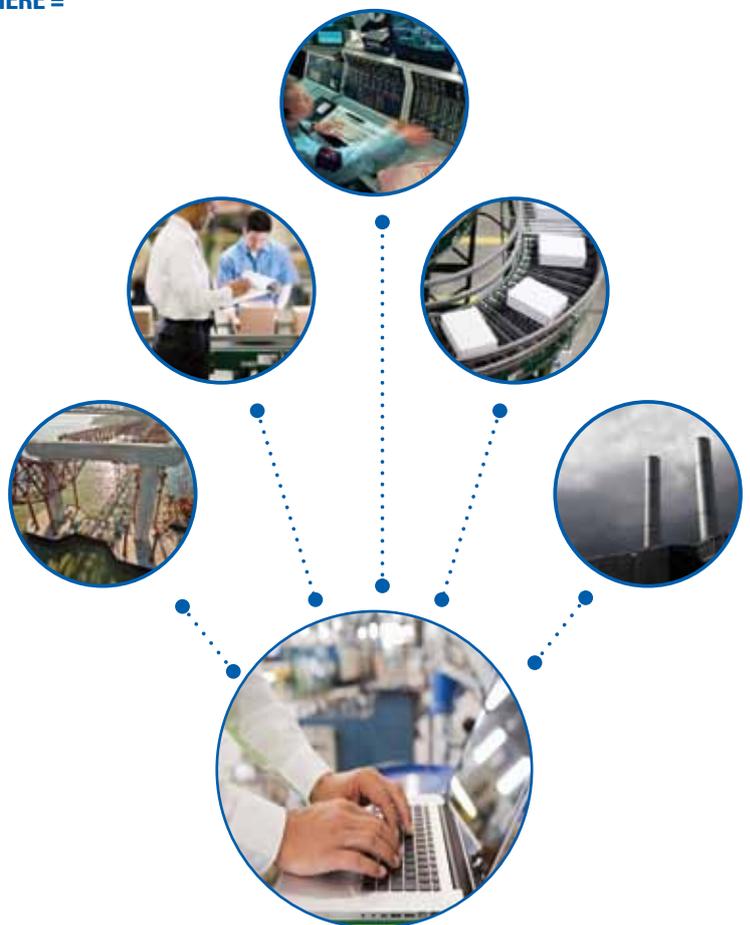
### CONTROL YOUR ENTIRE GLOBAL PRINTING NETWORK FROM ANYWHERE =

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.

**PLUG AND PRINT =** TallyGenicom provides you with a wide variety of emulations and configuration tools to make the job easier. Installation requires no host changes and allows for easy data streaming. Do you have custom print job files already set up? No problem, PrintNet Enterprise lets you work with the files you have already created.

**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 TallyGenicom product when equipped with the optional Ethernet



# 6800 Product Specifications

## CONNECTIVITY/INTERFACES

Standard	USB 2.0 and Serial RS-232
Optional	Ethernet - 10/100 Base T 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, 19, 12

## GRAPHICS RESOLUTION

180 dpi Horizontal, 144 dpi Vertical (max)

## DOT SIZE

16.7 mil (.42mm)

## 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

## BAR CODES

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

Win 7, Vista, XP, Windows 2000, Server 2003, Server 2008, Server 2008r2, Linux, AIX, SAP

## ENVIRONMENTAL ADVANTAGE

ENERGY STAR qualified

## POWER VOLTAGE

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

## POWER CONSUMPTION (ENERGY STAR)

Less than 14 watts

## POWER CONSUMPTION (TYPICAL-MAXIMUM)

• 6805	280 watts	Max 320 watts
• 6810	300 watts	Max 320 watts
• 6815	435 watts	Max 601 watts
• 6820	450 watts	Max 601 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 WIDTH

3" (76mm) to 17" (432mm)

## MEDIA COPIES

Up to 6 parts; up to 4 parts for Zero Tear models

## MEDIA WEIGHT

- 15 to 100 lbs up to 0.025" thickness
- 56 to 163 gm/m<sup>2</sup> up to 0.64mm thickness

*\*(18 lbs minimum weight on Zero Tear model)*

## 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	