

# 6300 SERIES LINE MATRIX PRINTERS



**Up to 1200 lpm**

**Workloads up to 345,000 pages per month**

**Rugged and reliable with the lowest cost of operation**

**Straight paper path for jam-free operation**

**Auto-Gap automatically sets the correct print gap based on form thickness**

**Outstanding print quality with clean-hands ribbon cartridge**

## **ECONOMICAL SOLUTIONS FOR HIGH-VOLUME, MISSION CRITICAL IMPACT PRINTING**

### **MISSION CRITICAL IMPACT PRINTING**

The 6300 Series accommodates the most demanding applications in the harshest environments. With their rugged and efficient design, they provide the most reliable and economical printing solution.

### **AUTO-GAP**

The 6306 and 6312 line printers are the first and only line printers to offer Auto-Gap which simplifies operator set-up and printer use by setting the optimum print gap based on the form thickness. For forms with varying thicknesses, the Auto-Gap feature detects and sets a variable print gap to produce the optimum print quality on all portions of form, from label to tip-on cards, and more.

### **PATENTED SMART RIBBON**

The patented Smart Ribbon® is available on the 6312 and ensures a uniformly high contrast over the ribbon's life – the last form looks as good as the first. This long-life ribbon cartridge significantly reduces user intervention and increases productivity.

### **EXCEPTIONAL CONNECTIVITY AND COMPATIBILITY**

The 6306 and 6312 are available with serial and parallel interfaces, user installable Ethernet, Twinax/Coax, and IPDS for Ethernet and the widest range of standard emulations. And to complete the long list of features, the ribbon monitor provides ribbon status to insure print quality and improve efficiency.

# 6300 SERIES LINE MATRIX PRINTERS

**Available Configuration**.....**6306:** Available in 6 configurations  
**6312:** Available in 4 configurations

**Print Speed**.....**6306:** 600 lpm  
**6312:** 1200 lpm

**Graphic Speed**.....**6306:** 75 ipm  
**6312:** 150 ipm

**Print Method**.....Line impact dot matrix

**Resolution**.....240 x 288 dpi

**Character Density**.....5, 6, 6.7, 7.5, 8.3, 8.6, 10, 12, 13.3, 15, 16.7, 17.1, 20

**Line Density**.....1.5, 2, 3, 4, 5, 6, 8, 9, 10, 12  
(plus variable line spacing)

**Character Modes**.....Constant density fonts; enhanced fonts

**Character Sets**.....Over 1000 character sets

**Character Styles**.....Bold, italic, superscript, subscript, underline, overline, strike through

**Printhead Type**.....Shuttle

**Memory**.....32MB

**Standard Connectivity**.....Serial RS232 (up to 38.4K baud) and IEEE 1284 compliant parallel (both ports hot, active port selected automatically)

**Optional Connectivity**.....Coax, Twinax, Ethernet 10BASE-T / 100BASE-T

**Standard Emulation**.....Tally ANSI, Tally Dot Matrix Printer, Printronix P600/ P5000/ P6000/ P series, HP 2564C, DEC LG01, Epson FX1180, Genicom ANSI, IBM Propinter III XL. Graphics: Tally Industrial Graphics; QMS CODE V Version 2; Printronix PGL

**Optional Emulation**.....Coax SCS, Coax IPDS, Twinax SCS, Twinax IPDS, LAN IPDS

**Fonts**.....Draft, Data Processing, Courier, Gothic, OCR A & B; Barcodes: Code 39, Code 128, Interleaved 2 of 5, UPC-A, UPC-E, EAN 8, EAN 13, EAN 128, Codabar, MSI, PDF-417, POSTNET, Intelligent Mail Barcode

**Consumables**.....Easy-load, Smart Ribbon clean-hands cartridges at up to 250 million characters; ribbon fault detection

**STD Paper Handling**.....Auto-Gap, paper out and paper motion detection

**Number of Copies**.....Up to 6-part forms

**Form Thickness**.....0.025" maximum forms thickness

**Paper Drive**.....Straight paper path, one set of tractors, forms position retained in non-volatile memory

**Paper Type**.....Continuous

**Paper Weight**.....15 to100 lbs. Bond (65 to 365 gm<sup>2</sup>)

**Paper Size**.....Width: 3" - 18.7",  
Length: 1 - 255 lines

**Printable Area**.....Up to 13.6" wide

**Physical Weight**.....Table top: 125 lbs.; open pedestal: 170 lbs.; enclosed pedestal: 170 lbs.

**Physical Size**.....Table top: 29" x 24" x 13";  
open pedestal: 29" x 30" x 40";  
enclosed pedestal: 29" x 30" x 40"

**Power Voltage**.....90 to 130V / 180 to 264V

**Power Frequency**.....50/60 Hz (auto-ranging)

**Compliance**.....Ozone-free, RoHS, Microsoft, ISO-compliant, Meditech approved

**Workload**.....**6306:** 175,000 pages per month  
**6312:** 345,000 pages per month

**Reliability MTBF**.....16,000 hours @ 25% duty cycle, 25% page density

**Drivers**.....Windows 2000, XP, Vista, Windows 7, Server 2003, Server 2008; AS400; SAP; AIX; LINUX; UNIX

**Temperature**.....10°C to 40°C (operating);  
-40°C to 66°C (non-operating)

**Humidity**.....10% to 90% non-condensing (operating);  
5% to 95%

**Acoustic**.....**6306:** table top: 55 dBA;  
open pedestal: 55 dBA;  
enclosed pedestal: Less than 52 dBA  
**6312:** table top: 60 dBA;  
open pedestal: 60 dBA;  
enclosed pedestal: 55 dBA per ISO 7779

**Warranty**.....For warranty information go to [www.tallygenicom.com](http://www.tallygenicom.com)

**Option 1**.....Internal Ethernet interface kit

**Option 2**.....Twinax / Coax interface kit

**Option 3**.....IPDS for Twinax/Coax or Ethernet equipped printer

**Option 4**.....TGenet 10/100 BaseT external print server

For further information about our products and services, please visit our website at:  
[www.tallygenicom.com](http://www.tallygenicom.com)

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