leadership by design
Printronix has been the global leader in industrial printing solutions for over 30 years, earning a reputation for designing and manufacturing leading edge products and delivering them to market with unsurpassed service and support.

The Printronix P7000™ Line Matrix Printing Platform extends the series of technology innovations that cement Printronix leadership position. Line matrix printing is Printronix flagship technology, and it remains the workhorse solution for supply-chain and back-office printing applications because of its reliability, lower cost of ownership and flexibility of printing applications.

Printronix pioneers three decades of leadership by design

1974
Industry first line matrix printer introduced

1982
Integrated PGL and Code-V graphics and bar code capability

1988
First line matrix printer to break the 1000 LPM barrier

1994
Fully integrated direct drive replaceable shuttle

1996
PSA common firmware architecture across line matrix, thermal bar code and laser technologies

1998
Industry leading PrintNet™ remote printer management system

2005
Integrated print management system results in higher quality and increased reliability
ENHANCED RELIABILITY
No other print technology delivers more trouble free high volume printing than a Printronix line matrix printer. Every generation of our printers has delivered higher quality and more reliability than its predecessor. Now the P7000 family, with a wide range of design enhancements, carries the tradition forward delivering the most reliable Printronix printer ever. The result is more uptime, more mission critical dependability, and lower service and operating costs.

RUGGED, COST EFFECTIVE AND VERSATILE
The P7000 offers unsurpassed reliability. When your application cannot be interrupted, look to the P7000 for maximum productivity.

For cost control, this technology provides the edge needed, giving you the lowest cost per page output.

It handles specialized forms that work for your application – forms that can only be printed on a line matrix printer – information reports, multi-part transaction documents and bar code labels.

P7000 FAMILY INTRODUCES
• Enhanced reliability – provides more up time and lower operating costs
• Ultra capacity ribbons – delivers darker image, lasts longer, and costs less
• Integrated print management system – provides precise control over print quality, print costs, and job planning
• Redesigned pedestal – improves user access and forms handling flexibility
• Increased ease of use – simplifies operation and enhances productivity
ULTRA CAPACITY RIBBONS*

Leadership by design also extends to our consumables. Customers turn to line matrix to get the lowest cost printing of any technology. Typically 10 times less expensive than laser or serial matrix, Printronix line matrix delivers significant cost savings in all high volume applications. To extend this benefit even further, Printronix has made significant investments in the design and testing of new fabrics, ink formulations, and ribbon construction. The highlight of these investments is a totally new ribbon that is at the heart of the P7000 family. Suitable for both text and bar code applications, the new P7000 Ultra Capacity ribbon starts 20% darker and lasts 3X longer than our most popular 30 million character ribbons. With a 90 million character rated life, the number of user interventions are dramatically reduced. In addition to the labor savings from reduced consumable handling, the efficiency of this new design results in an even lower cost per page.

INTEGRATED PRINT MANAGEMENT SYSTEM

This system is designed to constantly monitor print quality - eliminating waste, maximizing ribbon life and reducing printing costs. Printronix has built in the intelligence and auto-sensing capabilities that provide visibility and control without any user set-up.

This allows the system administrator to have precise control over print quality, consumable costs, and job planning. Add in PrintNet® Enterprise and the visibility and control, along with instant e-mail alerts, comes right to your desktop - ideal for enterprise management of printing applications.

* Patent Pending
IMPROVED PEDESTAL DESIGN
The pedestal model has been completely redesigned for the P7000 line.

• The all new clamshell design allows easy access to all controls, providing faster ribbon replacements and easier paper loading
• Interior room has been expanded to accommodate the P7000 Ultra Capacity ribbons, creating a 3X increase in ribbon capacity over previous pedestal models
• Standard oversized casters make movement easier than ever
• Versatility has also been enhanced with the ability for the paper path to be configured for either top or rear exit
• Using the top paper exit along with newly refined eject key functionality this printer is ideal for short print runs and easy access to output

ENCLOSED CABINET
The enclosed cabinet models provide for near silent operation, making these printers perfectly suitable for use in the quietest of office environments. In addition, these models provide the best paper handling for large print runs. All input paper is sealed inside and protected from bumping and contamination. Even more importantly, an elegantly simple, but highly effective combination of moveable fences and chains allows for neat stacking all the way up to a full box of paper. For tougher forms that tend not to refold well, a SureStak power stacker option is available for the enclosed cabinet models. With this option, even the toughest forms can be printed and stacked neatly up to a full box. So, in either configuration, the enclosed cabinet models are your best choice for large unattended production printing applications.
INCREASED EASE OF USE

In creating the next generation of line printers, customer feedback was used to identify enhancements that would simplify operation, enhance the user experience and boost productivity.

• The ribbon spool and hub have been redesigned to be fully self aligning and to snap on and off with ease
• All user adjustment and control points are blue for fast operator identification
• The control panel is color coded, with faster reacting keys
• A Quick Setup menu simplifies and groups the most common setup parameters into one easily modified section
• Automatic configuration saving prevents settings from accidentally being lost or reset
• A new platen gap adjustment system separates the functions of opening/closing the platen and setting the gap. Now, the gap is set by a knob to match the form’s characteristics, and once set, the platen can be opened and closed without affecting the gap setting, simplifying the loading of ribbons and forms
ASSET PROTECTION
Today’s IT environment is changing faster than ever and it is impossible to tell what is going to be required of your IT assets in the future. This is why a new PSA®3 controller with expanded memory and capabilities was developed especially for the P7000. Just as the P5000 was able to grow with a changing IT environment for nine fast-paced years, the P7000’s new PS3 controller provides all the base foundation and necessary room to grow with the next generation of changes. So, whether your needs evolve to new data streams or expanded wireless options, your investment will be protected with the P7000.

CONNECTIVITY AND COMPATIBILITY
The P7000 provides the most connectivity and emulation options available on any impact printer. Mix and match between wired Ethernet, wireless Ethernet, parallel, serial, Coax and Twinax. Couple this flexibility with automatic port switching and you can easily connect your new line matrix printer to multiple systems. Often this is an ideal solution for environments migrating between hosts. Available emulations include P-Series, PGL, VGL (Code-V), DEC LG, PCL 2, ANSI, IPDS, CT, and the most common serial matrix languages. What is most important about all of these emulations and connectivity options is seamless compatibility. By design and through rigorous testing, the P7000 is able to seamlessly replace any previous Printronix line matrix printer and virtually any competing legacy impact product.

FLEXIBLE AND ADAPTABLE
Understanding that often a simple modification to the application is just not possible, all P7000 printers come standard with the ability to intercept and modify a data stream before printing. Any changes can be corrected or modified to create the desired output without any costly host application modification.

ETHERNET WITH JOB CONTROL
There is a large installed base of coax and twinax connected line printers. Traditionally, migrating away from Twinax or coax to Ethernet eliminated the costly and inflexible infrastructure, but also eliminated the valuable job control. Now, with TN3270, TN5250, or the latest IPDS, the choice between cost/flexibility and control is eliminated. Using these new options, you can migrate to Ethernet printing and still maintain all the job control these mission critical applications require.

PRINTNET ENTERPRISE
Successful organizations are flexible enough to meet new requirements in a changing marketplace. PrintNet Enterprise provides this flexibility by placing total control of worldwide print operations in your IT network manager’s hands. By combining a fully integrated Ethernet adapter and Java-based remote management software, this remote printer management tool provides:

- **Increased IT resource efficiency** – Centrally manage, organize and control Printronix printers remotely on a LAN/WAN and remotely control, configure, manage and monitor printers over the network
- **Reduced downtime costs** – Maximize printer uptime by instant response to printer issues from email, pager or cell phone alerts
- **Maximized security** – Utilize PrintNet Enterprise remote front panel emulation to change, secure and protect printer configurations by locking out unauthorized users
- **Complete compatibility** – Designed for upward compatibility to support and manage the entire Printronix family of future printers in a fast expanding network. These printers are fully compatible with existing Printronix line matrix, thermal bar code and fanfold printing solutions that frequently operate in the same enterprise network.
**PRINTING GENERAL**

Print Method Impact Line Matrix

**Typefaces**

High Speed, Data Processing, Near Letter Quality

**Character Pitch**

10, 12, 13.3, 15, 17.1, 20 (except NLQ for 20 pitch)

**Line Spacing**

6, 8, 10.3, n/72, n/216 (lines per inch)

**Maximum Resolution**

180 dpi Horizontal, 144 dpi Vertical

**Printable Width**

Up to 13.6" (345.4 mm)

**COMPATIBILITY**

Emulations Standard Printronix P-Series, P Series XQ, Serial Matrix, IBM ProPrinter III XL, Epson FX-1050

Emulations Optional PGL/VGL, ANSI 3.64, IPDS (Twinax and Ethernet), TN5250, TN3270, PCL 2, DEC LG, Twinax and Coax. Twinax - IBM 5225 Models 1, 2, 3, 4, IBM 4234 Model 2, 12, Printronix transparent mode available for special functions. Coax - IBM 3287 Models 1 and 2, IBM 4234 Model 1, Supported modes BSC, SCS/LU1, DSC, and DSE. Printronix transparent mode available for special functions.

**Dynamic Font Selection**

Selectable printing styling of bold, italic, double wide, double high, overstrike, underline, subscript and superscript. Provides a large combination of character fonts.

Resident Character Sets Unicode UTF-8 and over 100 multinational sets including IBM World Trade, ECMA Latin 1, DEC Multinational, IBM Code Page 437 and 850, OCR A, OCR B

Fonts NLQ Serif, NLQ Sans Serif, Data Processing, High Speed, OCR A, OCR B

**Resident Bar Codes**

30 resident symbologies, including Code 39, EAN 8/13, UPC A/E, Postnet, Royal Mail, Interleaved 2 of 5, and PDF 417

**FORMS HANDLING**

Type Continuous, fan folded, edge-perforation

Width 3” to 17”

Copies Up to 6 parts

Weight 15 to 100 lbs. up to 0.025” thickness

Paper Path Straight through paper path with easy-load dual adjustable tractors

Feed Bottom feed

Forms Control 14 and 12 channel electronic vertical format unit, paper-out detector and alarm, paper motion detector and alarm

**PRINTING SOFTWARE AND DRIVERS**

Printronix PrintNet Enterprise remote management software

SAP Device Types Windows 95/98/NT/2000/XP

**PRINTING FEATURES**

Standard Integrated print management automatic ribbon life monitor

Optional SureStak on P7210, P7215 and P7220

Optional Extended doors for 14” & 17” forms support

Optional Black back forms paper out sensor

Optional Slide out paper tray for easy loading & unloading

**GENUINE PRINTRONIX RIBBONS**

Ultra Capacity Darkest longest lasting ribbon for bar code, OCR and text applications – 90 million character capacity

Label For applications using shiny or coated label face stocks – 65 million character capacity

**INTERFACES**

Serial RS-232 (RS-422 optional)

Parallel IEEE-1284/Centronics (standard) Data Products (optional)

Ethernet PrintNet Enterprise 10/100 Base T (optional)

Wireless Ethernet 802.11b (optional)

Wireless Compatible Radios (not included) Lucent” (Proxim) Orinoco Gold

Cisco™ AIR-LMC352 (MMXC connectors)

Twinax Integrated Twinax interface for attachment to IBM Systems 36/38 and AS/400 directly or via IBM 5394 or 5494 workstation controller (optional)

Coax Integrated coax interface for attachment to IBM 3174, 3274, or 3276 cluster controller (optional)

Auto Switching Between active ports

**POWER**

Watts Typical

P7205 175

P7210 260

P7215 390

P7220 475

Line (+/- 10%) Auto Ranging 100-120 VAC, 200-240 VAC, 50/60 Hz

Compliance Energy Star - Less than 28 watts (energy saving mode)

**DIMENSIONS**

Pedestal Cabinet With SureStak

Height 36” (914mm) 41” (1041mm) 41” (1041mm)

Width 26” (660mm) 27” (686mm) 27” (686mm)

Depth 21” (533mm) 29” (737mm) 33” (838mm)

Shipping Weight 170 lbs. (77.2kg) 275lbs. (124.8kg) 305lbs. (138.4kg)

**ENVIRONMENTAL**

Acoustic Noise P7005 - 62 dBA (per ISO 7799)

P7010 - 65 dBA

P7015 - 68 dBA

P7205 - 50 dBA

P7210 - 50 dBA

P7215 - 52 dBA

P7220 - 55 dBA

Operating Temperature 50˚ to 104˚ F 10˚ to 40˚ C