PRINTRONIX®

Line Matrix

It's a thoroughbred. It's a workhorse.

P5000

Line Matrix Printers

Up to 2000 Lines Per Minute

Specifications

Printer Models

	P5005B/P5205B	P5010/P5210	P5215	P5220
Print Speed (LPM, upper case characters, lower case characters)				
High Speed	500/428	1000/856	1500/1289	2000/1700
Data Processing	375/300	750/600	1125/900	1800/1430
Near Letter Quality	200/154	400/306	600/459	960/730
Graphics Speed (IPM)				
60 x 48 dpi	63	125	187	222
60 x 72 dpi	42	83	127	185
90 x 96 dpi	21	42	61	94

Printing General

Print Method	Impact Line Matrix--Dual Hammerbank Technology on P5220
Typefaces	High Speed, Data Processing, Near Letter Quality
Character Pitch (char. per inch)	10, 12, 13.3, 17.1, 20 (except NLQ for 20 pitch)
Line Spacing (lines per inch)	6, 8, 10.3, n/72, n/216
Maximum Resolution	180 dpi Horizontal x 96 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	CT, IPDS (twinax and ethernet), ANSI 3.64 enhanced
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	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
Optional CT Protocols	
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.

Forms Handling

Type	Continuous, fan folded, edge-perforation
Width	Pedestal Model: 3" to 16.5" / Floor Model: 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

Printer Software Options

Optional Languages	PGL/VGL, IPDS, ANSI 3.64
Optional Software	Printronix PrintNet Plus Printer Manager, Windows drivers and SAP Device type

Printer Features

Standard	RibbonMinder automatic ribbon life monitor
Optional	SureStak on P5210 and P5215, and P5220
Optional	Extended doors for 14" & 16" forms support
Optional	Quick Access cover for on-demand printing

Genuine Printronix Ribbons

Gold Series Ribbons	Bar code, OCR, graphics and text printing applications
Gold Series 30, 50, or 90	500, 1000, 1500 LPM floor models
Gold Series 2000	2000 LPM models only
	Patented design is specially optimized for ultra-high speed dual hammerbank technology. Includes Clean-Hands leader for no mess ribbon changes.

Interfaces

Standard	RS-232/ RS-422, IEEE 1284/Centronics parallel, diagnostic port
Optional	PrintNet 10/100 Base T, Data Products parallel, Data Products Long Lines
CT Optional	Coax/Twinax with active parallel I/O
Twinax	Integrated twinax interface for attachment to IBM Systems 36/38 and AS/400 directly or via IBM 5394 or 5494 workstation controller
Coax	Integrated coax interface for attachment to IBM 3174, 3274, or 3276 cluster controller
Auto Switching	Between active ports

Power

Line	Auto-Ranging 120/240 VAC 60/50 Hz			
Power Consumption	P5005B/P5205B	P5010/P5210	P5215	P5220
Watts Typical	175	260	390	475
Compliance	Energy Star — Less than 30 watts (energy saving mode)			

Dimensions

	Pedestal Models	Floor Models	With SureStak
Height – inches (mm)	35 (889)	42.5 (1080)	42.5 (1080)
Width – inches (mm)	24.6 (625)	27.0 (686)	27.0 (686)
Depth – inches (mm)	20.7 (526)	29.0 (737)	33.75 (857)
Shipping Wt. – lbs (kg)	115 (52.2)	285 (129.3)	305 (138.5)

Environmental

	P5005B	P5010	P5205B/P5210	P5215	P5220
Acoustic Noise per ISO 7779	62dBA	65dBA	50 dBA	52 dBA	53dBA
Operating Temperature	50 to 104 degrees F 10 to 40 degrees C				

P5000

PRINTRONIX®

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PRINTRONIX®

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Line Matrix
P5000 Printers

It's a thoroughbred. It's a workhorse.

Make an impact with the industry standard in line matrix.

Excellence. Durability. Quality. They've become synonymous with Printronix line matrix printers. Since we pioneered the first line matrix unit back in 1974, we've advanced technology, improved dependability, and evolved our rugged, reliable line matrix printer into a business asset.

Leading the market in speed, print quality, ease of operation and connectivity, the P5000 Series keeps Printronix and you at the forefront of line matrix printing.

We've Got You Covered. When your business requires low cost printing of high-quality labels, reports, bar codes or multi-part forms, line matrix printing is the standard. With print speeds up to 1500 lpm, you'll find a P5000 model that is right for your applications.

Harsh industrial environments. Secure computer rooms. Busy offices demanding quiet performance. No longer just a "back room" printer, the P5000 family integrates almost any front office seamlessly. Connect it to your network and it's ready to print without delay. Enjoy other P5000 benefits:

Connectivity
Parallel, serial, ethernet and CT connectivity options integrate the P5000 into your existing PC, client/server or mainframe environment.

Emulations
The P5000 offers a full range of printer emulations including serial matrix, line printer, IGP graphics, ANSI, CT and IPDS. Our IPDS emulations function with our CT connection and our PrintNet® ethernet connection, making it easier to migrate from a mainframe to a distributed printing environment.

Windows Drivers
Optimized for the P5000. Print text, barcodes, and graphics directly from your Windows applications.

ERP Printers
Print text and graphics directly to your P5000 from your SAP applications and other popular ERP packages.

Genuine Printronix Ribbons
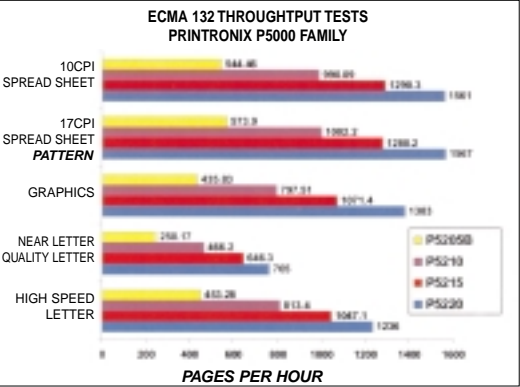Designed and manufactured by Printronix to maximize your P5000 printers' performance.

Quiet as an Office Laser Printer.
Printing with the P5000 is remarkably quiet, with some models creating just 50 dBA of acoustic noise. That's perfect for environments where workers must remain undisturbed.

The P5000's new shuttle design, with precision 3D hammers, provides solid impact, ensuring high print quality regardless of temperature, job demand or media. A new integral motor decreases vibration and improves shuttle response time for more accurate dot placement and non-degradable print quality.

High Speed Performance
Beyond just rated draft printing speeds, the print mechanism in the P5000 series has been optimized to be fast in your real-world applications. Compare these ISO 10561 (ECMA-132) performance specifications to any printers on the market:

ECMA 132 THROUGHPUT TESTS PRINTRONIX P5000 FAMILY

PAGES PER HOUR

P5000 Line Matrix Printers:
- Seven versatile models with speeds up to 2,000 lines per minute
- Printronix System Architecture (PSA®2) allows software compatibility between all Printronix printer types (Line Matrix, Laser and Thermal)
- RibbonMinder feature that tells you when to change the ribbon
- AutoPort switching for easy switching between ethernet, coax/twinax, parallel and serial ports
- Fifth generation technology for higher-quality imaging, faster throughput
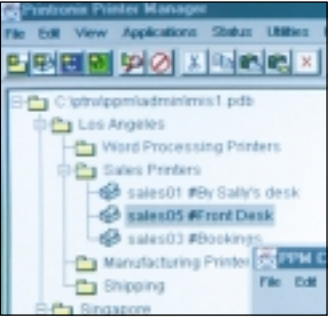
The P5000 is the Ideal Solution for:
- Wholesale and retail distribution
- Automotive manufacturing and OEM part suppliers
- Process and discreet goods manufacturing
- Chemical manufacturers
- Publishing database and mailing houses
- Transportation industries
- Hotel and restaurant chains

Accurate dot placement and superior forms flexibility make the P5000 the ideal choice for a wide variety of applications.

PrintNet® Plus puts you in total control

Whether you need to configure multiple printers simultaneously across a local area network or monitor print quality throughout a global enterprise, PrintNet Plus makes it possible.

You can completely manage the configuration and operation of a single printer or all your networked P5000 printers worldwide from any desktop. Get point-and-click control over all your printing operations.

Upload configurations from any printer, edit them, download them back to one or more printers, initiate jobs, control printing languages and manage control panel access, all remotely. Complete real time printer gives you total visibility of your operations. With instant e-mail or pager notification of problems, you have the proactive information you need to keep operations flowing.

Upload printer configurations, create new configurations and manage your entire printer network remotely with the Configuration Editor.

Solutions for Your MultiNational
Company. Printronix is a global company with sales and support offices located throughout the Americas, Europe, and Asia. The P5000 family features character set and language support for all world markets as well as products capable of printing Chinese Hanzi, Korean Hangul, Thai, Arabic, Indian Hindi, Tamil, Telegu, Kannada and several other Indian languages.

A Valuable Partnership

It begins when your Printronix representative works closely with you to determine the ideal P5000 model for your company and situation. It continues with experienced, committed service professionals dedicated to keeping your equipment in top condition. And it never really ends. It's the relationship Printronix has with its customers. It's how Printronix makes your work easier, supporting you with the latest advances in networking, software upgrades and ideas for optimizing your enterprise printing – an ongoing partnership that continues to provide value.

Call us today for more information on the P5000 Series, and see firsthand what we can do for you.