

## Heavy Duty Printing Solutions for Industrial Bar Coding, Graphics and High Throughput Applications

Designed and Built for the exacting requirements of the Industrial, Automotive and Distribution sector combining high speed text and graphical printing with long term print quality and reliability.

### Performance

Thanks to the implementation of GENICOM's Intelliprint® controller technology in the 5000 Series there is now a line printer on the market that can deliver performance beyond the basic LPM specification. Because the Intelliprint controller technology was designed primarily for high end laser printers the new 5000 series delivers high performance text, industrial graphics and barcodes. It's when you need to perform special tasks like printing AIAG labels or pallet labels that you will really begin to notice the GENICOM performance advantage. This advantage can help put you ahead of your competitors.

With three performance levels of 500 lpm, 1000 lpm and an amazing 1800 lpm there is a GENICOM line printer to suit the level of operation your business requires.

### Reliability

Only GENICOM warranty their shuttle mechanism for life! In addition The GENICOM 5050 and 5100 also have a lifetime warranty on the striker bar.

But we went further than our competitors. We built the 5000 Series so that if by chance something does go wrong you can resume printing quickly. GENICOM offer user changeable print modules and ribbon shield.

As if that was not good enough, on the 5180 we developed Sure Fire® printing.

Should a fault be detected in a single print module printing can be automatically switched to the good print module so that print integrity is maintained. This allows you to keep going with full print integrity. Great news for banks and financial institutions.

### Making The Right Connection

The 5000 Series comes with parallel and serial interfaces as standard. In addition the 5000 Series printers have two I/O ports for customer install interface options. Under control of the Intelliprint controller all four interfaces can share the printer simultaneously!

Up to four host systems can share the printer giving you maximum return for your investment. Choose from IBM SCS & IPDS coax and twinax to Ethernet 10/100BaseT or Token Ring. The Intelliprint controller gives each interface access to the IGP & QMS code V Languages which are now standard on the 5000 Series.

### Remote Printer Management

GENICOM did not forget the user. The 5000 Series printers are supported by GENICOM's RCS (Remote Control Software) which allows control and full status monitoring of the printer from remote locations. Users can be notified of problems like paper out via E-Mail or even by a phone call! (If used in conjunction with other Windows® based software).

## Key Features

- High Speed 500 lpm, 1000 lpm & 1800 lpm
- IGP/QMS Graphics as Standard
- High Performance Intelliprint® Controller
- Datastream conversion with Intellifilter®
- Plug In I/O Options
- Remote Control & Management
- High Visibility Attention Light
- Legendary Reliability



# Choice Of Cabinet Styles

There is a choice of cabinet style to suit your needs:



## Pedestal:

Gives open access to paper for fast loading and changing of forms. While this option offers around 60 dBA it is also the most economical solution where noise is not an issue. There are 3 stacking heights for the printed output. Paper can be output from the TOP or the REAR.



## Standard Cabinet 55dBA:

The standard Cabinet provides a full enclosure to reduce noise and protect the forms input from damp and dust. The cabinet reduces noise to the industry standard 55dBA while giving a balance between access and soundproofing. The Standard cabinet is found on all models and is also used on the Form Saver (FS) models. The cabinet has two stacking heights for printed output. Paper can be output from the TOP or the REAR.



## Quiet Cabinet 50dBA/52dBA:

The quiet cabinet gives the lowest noise levels available on a line printer today. On the 5050 and 5100 we have got noise levels down to 50dBA which compares to noise levels of laser printers. The 5180 has noise levels down to 52dBA. The Quiet cabinet provides front and rear access doors to the input and output forms, offering maximum protection from damp and dust while keeping the noise in. Paper can be output from the REAR only.

## IBM Connectivity:

GENICOM has long been recognised as an independent leader in providing IBM compatible printing solutions. With many industry awards behind us we are confident that the 5000 Series can provide levels of performance and features not seen in this market place before.

Our IBM solutions provide user control by offering host overrides so you can determine Barcode density, Graphics density and Text Quality. Our IBM interfaces are dual twinax/coax giving you the freedom to move hosts without any further outlay.

## Connectivity & Expansion I/O:

All 5000 Series come with Parallel IEEE 1284 and RS232/422 Serial interfaces as standard.

In addition the 5000 series provides two I/O slots for additional connectivity. Because the Intelliprint controller allows you to share all four ports with the printer you can make maximum use of your printer and investment. The customer install I/O makes it easy for you to change systems in future without changing your printer.

Optional I/O cards:

IBM SCS CX/TX ; IBM IPDS CX/TX ,

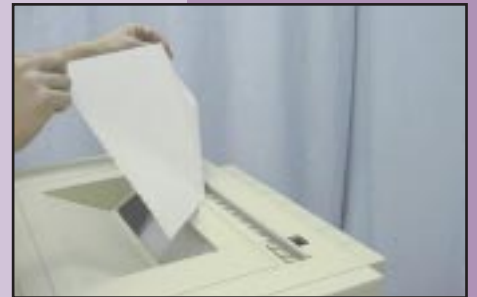
Ethernet 10base2/T ; Ethernet 100base/T; Token Ring 4/16

Legacy Parallel ; DP – long & short line



## 5100 FS – Form Saver:

There are many times when you need the performance of a high speed line printer but you need the access to the forms as you would get from a serial matrix printer. The 5100 FS is a unique line printer. Allowing you to print on the very first line of the very first form you can proceed to print any number of forms and then TEAR OFF the printed output. Subsequent jobs print without loss of forms or registration! Used where security and high value stationery are required the 5100FS can really start to save you time and money.



## Control Panel:

The 5000 Series control panel has an easy to use LCD menu. The super bright Alert Light is specially designed so conditions like Paper Out can be seen across the factory floor.



## Intelliprint Controller:

GENICOM developed Intelliprint technology to provide a fast efficient controller for high end laser printers that require demanding processing power for graphics printing. By applying this technology to our line printers we have provided a benchmark for line printer performance across the whole spectrum of printing from text to barcodes and graphics. In particular IGP/QMS and IPDS.

**Intelliprint**<sup>®</sup>  
Technology

## Remote Control Printer Management:

The 5000 Series printers are supported by GENICOM's Remote Control Software. This allows the status and control of the printer from remote networked locations.

Imagine getting a call from your printer on your mobile phone to tell you the printer is out of paper! RCS is a free product from GENICOM. All you have to do is register!



# Line Matrix 5000

## Specifications at a glance

Line Matrix 5000	5050	5100	5180
<b>Cabinet Styles &amp; Options (Acoustics)</b>	Open Pedestal (60dBa) Std. Cabinet (55dBa) Quiet Cabinet (50dBa)	Open Pedestal (60dBa) Std. Cabinet & FS, Form Saver with Zero Tear Function (55dBa) Quiet Cabinet (50dBa)	Std. Cabinet (55dBa) Quiet Cabinet (52dBa)
<b>Printing Technology</b>	Line Shuttle Matrix	Line Shuttle Matrix	Line Shuttle Matrix
<b>Print Head</b>	User Replaceable 33 module pairs	User Replaceable 33 module pairs	User Replaceable 6 modules
	wires 33	66	132
<b>Print Speeds (LPM)</b>	Draft (64 Char) 515	1000	1800
	Data Processing 385	756	1390
	Correspondence 206	403	750
<b>EPPT (ECMA) PPH</b>	EPPT Letter 698	1286	1766
	EPPT Spreadsheet 833	1622	2314
<b>Graphics resolution Horizontal</b>	60, 70, 120, 140, 240 dpi	60, 70, 120, 140, 240 dpi	60, 70, 120, 140, 240 dpi
<b>Graphics resolution Vertical</b>	72, 144 dpi	72, 144 dpi	72, 144 dpi
<b>Voltage</b>	120 to 240 volt Auto Ranging	120 to 240 volt Auto Ranging	120 and 230 volt Switchable
<b>Power Consumption</b>	Idle 40w, 213w	Idle 40w, 350w	Idle 50w, 674w
<b>Temperature</b>	+4° to 40°C Storage -40° to 70°C	+4° to 40°C Storage -40° to 70°C	+4° to 40°C Storage -40° to 70°C
<b>Humidity</b>	10% to 90% non condensing	10% to 90% non condensing	10% to 90% non condensing
<b>Weight</b>	55dBa (79.3Kg), 50dBa (133.8Kg), Pedestal (76Kg)	55dBa (79.3Kg), 50dBa (133.8Kg), Pedestal (76Kg)	55dBa (145 Kg), 52dBa (191Kg)
<b>Size (H x W x D)</b>	55dBa (1077 x 679 x 645) 50dBa (1077 x 686 x 737)	55dBa (1077 x 679 x 645) 50dBa (1077 x 686 x 737)	55dBa (1219 x 737 x 635 mm) 52dBa(1080 x 760 x 725 mm)
<b>Features</b>	Tear off Mode, View Mode	ZERO TEAR, Document On Demand & First line First Form on 5100FS Models	Tear off Mode, View Mode
<b>Character Spacing (CPI)</b>	10, 12, 13.3, 15, 16.7, 20, Proportional & User Defined		
<b>Line Spacing (LPI)</b>	3, 4, 6, 8, n/144 & User Defined		
<b>Print Width (max)</b>	13.2 inches (33.5 cm)		
<b>Print Modes</b>	Oversize, Bold, Underline, Expanded, proportional, Super/Subscript, Download Characters		
<b>Fonts</b>	Draft, Data Processing, Gothic NLQ, Courier NLQ, Italic NLQ, OCRA, OCRB PC Graphics Greek/Maths		
<b>Barcodes</b>	Interleaved 2of5, Bidirectional 2of5 Industrial 2of5, Code 3of9, EAN-8/13, Code 11, Code BCD, Codabar A/B/C/D, UPC-A/E Code 93, Code 128 A/B/C Royal Mail, Postnet		
<b>Character sets</b>	22 International ISO, IBM PC 437, 850 MS 852, 853, 855, 860, 863, 864, 865, 866, 867, Roman 8 Dec Multinational Mazowia, Greek, Turkish, IBM EBCDIC, Euro Ready		
<b>Emulations</b>	ANSI 3.64 Enhanced, Printronix P300/P600 & P series, DataProducts (EVFU compatible) IBM Proprinter IIIXL Epson FX286, Epson ESC P/2 IBM Options Coax: 3262, 3268, 3287, 4214, 4224, 4234, 4230 IBM options Twinax: 5256, 5224, 5225, 4214, 4234, 5252, 4230 IPDS: 4234/6408 Datastream conversion with Intellifilter®		
<b>Paper Handling</b>	Paper Width 3 to 16.4 inches (7.6 to 42 cm) Paper Length up to 22 inches (55.9 cm)		
<b>Number Of Copies</b>	1+ 5 Part. Calibrated thickness control. Max thickness 0.025 inches (0.635mm) Cardstock to 163 g/m <sup>2</sup>		
<b>Interface - Connectivity STD</b>	Parallel IEEE 1284 and Serial RS232/422 2 X PSIO Expansion slots. All ports have Auto sharing option for up to 4 host connect		
<b>Interface - Connectivity Options</b>	IBM SCS CX/TX; IBM IPDS CX/TX, Ethernet 10/100BaseT; Token Ring 4/16. Legacy Parallel ; DP - long & Short line		
<b>Software Support</b>	Windows 3.1, 95/98, NT 4.0, 3.5x, IBM SCS IBM IPDS, SAP R/3, IGP/QMS Code V., IBM AIX 3.2, HP/UX MF, SUN Solaris 2.X SUN OS 5.X, Novell 3.X PDF		
<b>Duty Cycle</b>	Unlimited		
<b>MTBF</b>	8000 hours @ 25%		
<b>Regulatory</b>	CAN/CSA-C22.2 950-95; UL950; VDE EN60950 (IEC 60950); GOST; CISPR22; AS/NZS 3548 Y2K Compliant		

## Ordering Information

### Printers

5050 500 LPM 55dBa Cabinet	3S5050CD0000A1
5050 500 LPM Quiet Cabinet 50dBa	3S5050DD0000A1
5050 500 LPM Top Only (requires a base)	3S5050BD0000A1
5100 1000 LPM Cabinet 55 dBa	3S5100CD0000A1
5100 1000 LPM Quiet Cabinet 50dBa	3S5100DD0000A1
5100 1000 LPM Top Only (requires a base)	3S5100BD0000A1
5100FS 1000 LPM Zero Tear 55 dBa Cabinet	3S5100CDF000A1
5180 1800 LPM 55dBa Cabinet	3S5180CD0000A1
5180 1800 LPM 52dBa Cabinet	3S5180DD0000A1
<b>Open Pedestal</b>	4C1915P01
<b>Enclosed 55dBa Cabinet (Flat Packed)</b>	499

### Options And Supplies

<b>Legacy Parallel Kit using the LCTX/1 board</b>	4A2279B01
<b>10/100BaseT Ethernet</b>	4A4516162-B01
<b>Token Ring</b>	4A4516161-B01
<b>5050/5100 Tx/Cx SCS Kit</b>	4A2595B01
<b>5050/5100 Tx/Cx IPDS Kit</b>	4A2594B01
<b>Ribbon Black 25 million chars (5050, 5100, 5100FS)</b>	4A0040B13
<b>Ribbon Black 50 million chars (5050, 5100, 5100FS)</b>	4A0040B02
<b>Ribbon Black 75 million chars (5050, 5100, 5100FS)</b>	4A0040B05
<b>Ribbon Black 50 million chars (5180)</b>	4A4509160-G03
<b>Ribbon Black 50 million chars Life OCR/IR readable (5180)</b>	4A4509160-G04
<b>Ribbon Black 125 million chars with re-inker (5180)</b>	4A4509160-G02

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