

DDP 184

Digital Document Publisher



Reliability, Industrial, Connectivity, Operability, High Volume

The DDP 184 offers high-speed duplex with spot color and MICR for production intensive environments.

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Announcing the DDP 184

The Digital Document Publisher 184 from Lanier combines two 92 page per minute (ppm) printer engines that print at a blazing 184 images per minute (ipm) in duplex mode. You can replace one black toner with a Spot Color toner for two-color applications. An external controller is included that controls processing on both engines.

The DDP 184 improves upon a two-printer cluster from the functional point of view. It has an integrated second engine used exclusively for printing the second image for fast duplex speed in monochrome or Spot Color. The input paper trays are located in the first engine and the DDP 184 operates as one functional engine. This system uses less floor space than other production engines in the same class.

Production Ready

If production volume and fast throughput are your main requirements, then the DDP 184 with an industrial strength engine and high-speed duplex printing is the best solution for you. The DDP 184 is able to handle production volumes month in and month out without any problem. Two- or three-shift workloads have minimal impact on spares and consumables utilization. And peak production runs with above "normal" volumes are well tolerated.

Production printing often means mainframe output, and Lanier offers solutions for easily converting AFP/IPDS or Xerox Metacode data streams to PostScript® or PCL.

Many in-plant print shops, Central Reproduction Departments and Print for Pay businesses have production applications that require high-speed duplex printing of documents with spot color. The DDP 184 easily produces booklets, direct mail pieces, invoices, statements, flyers, and large paper size output for offline finishing.

Connectivity

For very large data streams the DDP 184 boosts your production with on board spooling. Or it turbo charges your output with multiple original print (MOPy) capability that keeps your printer producing digital originals while it is processing input for the next job.

And the DDP 184 is ready for action on the network with

- Support for standard network printing protocols
- Access to all printer and finishing functions via the network
- Network management of the printer through a Web browser interface
- Custom queues for easy-to-use printing profiles
- Increased throughput and responsiveness by intelligent printer sharing
- Job archiving that stores bitmaps for reprinting
- Forms management with e-forms downloaded to the DDP 184 RIP
- Personalized printing of text, image and graphics substitution in large documents
- Booklet printing on demand
- Network printing from the Windows and Macintosh operating systems

Add Value with Spot Color

The DDP 184 supports red, blue and green toner and developer for Spot Color applications. And the printer has Customer Changeable Developer units so it is ready to switch colors when you are.

Spot Color separation controls are provided when the printer engines have black and color toner. Each element of the document (character, graphic shape, image pixel) is color separated and mapped to either black or a color.

Desktop and Web Controls

User software includes a Printer Driver, an Installer, Direct Printing, DocXPLOER, and a Database Print Manager. The Adobe® PostScript® printer driver is available with Plug-Ins for Windows and extensions for Macintosh which provide extended access to printer functionality.

All printer functions are accessible via the printer driver and are also available through DocXPLOER and the Web Browser.

These printer driver features are available:

- Layout – imposition and finishing control
- Direct printing of PostScript®, PDF, TIFF, and ASCII files
- Page specific tray selection
- Forms/overlay management
- Color separation
- Screening
- Installable options
- Printer Installer
- Workflow controls that provide cluster printing features such as splitting jobs into smaller packets, dividing print jobs into subsets by pages, and splitting jobs by copies. Email notification is provided after completion of your job.

The DDP Print Server contains a Web Server that offers monitoring and control functions via a Web Browser. The features include:

- Queue list, job list availability
- Archive, Forms
- RIP details, queue details, job details
- Active jobs, finished jobs
- Accounting
- Router to make the web pages of the engine accessible
- RIPs, queues and jobs as lists or in detail.
- DocXPLOER – allows monitoring and controlling a cluster of RIPs.
- Database Print Manager – merges a template document with records from a database to produce instance documents. Merging is performed separately as a preview on the client workstation or for printing.



Specifications

DEVELOPER UNIT CONFIGURATION

	Black/Black		Black/Color	
	Simplex / Duplex PPM	Simplex / Duplex IPM	Simplex / Duplex PPM	Simplex / Duplex IPM
Letter/A4 (LEF)	92/92	92/184	92/46	92/92
Letter/A4 (SEF)	50/50	50/100	50/25	50/50
Legal	50/50	50/100	50/25	50/50
Ledger/A3	46/46	46/92	46/23	46/46

PAPER HANDLING

Standard Input	6,150 sheets total (Tab dividers can be inserted from all 3 engine input trays)
Tray 1	2,000 sheets of 20 lb stock Sizes B5 to 12x18/Super B
Tray 2	500 sheets of 20 lb stock Sizes A5 to 12x18/Super B
Tray 3	500 sheets of 20 lb stock Size A5 to 12x18/Super B
High Capacity Feeder	3,000 sheets of 20 lb stock Size Letter/A4 (LEF) only
By-pass Tray	150 sheets of 20 lb stock Size A5 to 12x18/Super B
Standard Output	2,700 sheets total
Standard Finisher	Multi-Position Stapling, Stacking, Offset Elevator Tray: 2,500 sheets Top Tray: 200 sheets (non-stapled) Face-up/Face-down stacking
Booklet Maker and Inserter	Saddle-stitch stapling, center folding, stacker and sheet insertion. Booklets to 15 sheets (20 lb.) plus 1 cover page of 110 lb. (Index) stock*. Inserter Tray Capacity 200 sheets (34 lb.). Paper Size: Letter (SEF), Legal (SEF), Ledger (SEF), B5 (LEF), A4 (LEF/SEF), B4 (SEF), A3 (SEF) Inserter Paper Weight: 16 lb - 110 lb (Index)*
Publishing Finisher	Saddle-stitch stapling, center folding, trimming, vertical stacking and 2 vacuum fed inserters.
Container Stackers	Add up to two container stackers (4 containers) for production that requires offline finishing. Holds Letter/A4 and Ledger/A3 paper sizes up to 6,000 sheets of 20-lb. stock maximum.
Input Tray Paper Weights	16-54 lb bond, 90-110 lb index*
By-pass Tray Paper Weights	17-54 lb bond, 90-110 lb index*

* Maximum paper weight varies with type of paper stock used.

PRINT CONTROLLERS

Controller Processors	2 x 375 MHz PowerPC 750 processors with 256 MB RAM, 40 GB HDD
DDP Print Server Processor	Intel Celeron 1.3 GHz
Resolution	600 x 600 dpi
Page Description Languages	Adobe PostScript 3, PCL 5e, PCL 5c, PDF, TIFF and ASCII
Printer Ready	PDF, TIFF
Embedded Web Server	Real-time device monitoring and configuration

DRIVERS

Custom bi-directional drivers for Windows 95/98/2000/NT 4.0; PPD for Apple Macintosh OS 8.x/9.x/10.x

OPTIONS

Data Stream Conversion AFP/IPDS, SCS, LCDS/Metacode to Adobe PostScript or PCL

NETWORK CONNECTIVITY

Standard Interfaces Ethernet 10BaseT/100BaseTX (autosensing)
Protocols NetBIOS, TCP/IP, EtherTalk, lpr, Port 9100, HTTP, SNMP, DHCP, IPP

CONSUMABLES

Black Toner	Average Yield: 36,000 images @ 5% (per bottle)
Color Toner: Red, Blue or Green	Average Yield: 80,000 images @ 1.5% (per bottle)
Black Developer	Average Yield: 480,000 images @ 80% Utilization
Color Developer: Red, Blue or Green	Average Yield: 480,000 images @ 80% Utilization
Drum	Average Yield: 400,000 images @ 80% Utilization
Fuser Unit	Average Yield: 1,600,000 images
Fuser Cleaning Web	Average Yield: 320,000 images
Staple Cartridges	5,000 staples each, 3 cartridges per pack
PM Cycles	First PM for finisher is 400,000 images First PM for each engine is 1,200,000 images.

PHYSICAL – PRINTER

Power	2 x 200-240V, 12A at 230V (2 outlets required)
Weight	1,104 lbs (500 kg) – Standard Configuration
Dimensions (H x W x D)	46 x 121 x 27 in. (1151 x 3067 x 672 mm)
Duty Cycle	1,600,000 images/month
Printer Engine Life	Five years or 60 million impressions (30 million impressions per engine), whichever comes first.
Required Maintenance Area (W x D)	145.7 x 101 in. (3700 x 2565 mm)

PHYSICAL – DDP PRINT SERVER

Power	100-240V, 50 Hz/60 Hz
Weight	15.4 lbs (7 kg) Micro-Tower PC
Dimensions (H x W x D)	14 x 7 x 17 in. (360 x 180 x 430 mm) Micro-Tower PC

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