



LD420C

A new standard in color multifunction performance

This user-friendly, workgroup digital multifunction system delivers outstanding quality color and monochrome results without sacrificing productivity, manageability, or the budget



SPECIFICATIONS

MAINFRAME SPECIFICATIONS

Printing Process	Dry Electrostatic Transfer with Dual Component Development 4-Drum Method
Output Speed (Copy/Print)	20-ppm Black & White and Full-Color
Warm-up Time	Less than 45 seconds
First Copy Time	Full-Color: 9.7 seconds Black & White: 6.7 seconds
Copy/Print/Scan Resolution	600 x 600 dpi
Document Feeder (Standard)	Automatic Reversing Document Feeder (ARDF)
Original Capacity	50 sheets
Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	Simplex: 11 lb. - 34 lb. Bond (40 - 128 g/m ²) Duplex: 14 lb. - 28 lb. Bond (52 - 105 g/m ²)
Dimensions	21.7" x 19.3" x 4.7" (550 x 491 x 120mm)
Exposure Glass	Up to 11" x 17" (sheets/books/3D Objects)
Multiple Copies	Up to 999 copies
Copy Size	11" x 17" maximum (full bleed on 12" x 18")
Input Capacity	Standard: 2 x 550 sheets + 100-sheet Bypass Tray Maximum: 3,200 sheets (with LCT)
Output Capacity	Standard: 500 sheets Face Down Maximum: 1,625 sheets (with 1,000-sheet Finisher + Inner 1 Bin Tray)
Paper Sizes	
First Paper Tray	8.5" x 11"
Second Paper Tray/ Paper Bank	7.25" x 10.5" to 11" x 17"
Bypass Tray	Width: 3.5" to 12" Length: 5.8" x 18" (12" x 18" max.)
Large Capacity Tray	8.5" x 11"
Paper Weights	
Standard Trays/ Paper Bank/ Large Capacity Tray	16 - 57 lb. Bond/120 lb. Index (60 - 216 g/m ²)
Bypass Tray	16 - 67 lb. Bond/140 lb. Index (60 - 256 g/m ²) (Source for Labels, OHP)
Duplex Unit	17 - 45 lb. Bond/90 lb. Index (64 - 169 g/m ²)
Paper Types	Plain paper, laser printer qualified transparencies, labels and envelopes
Auto Duplex	Standard
Zoom	25% - 400% in 1% increments
Preset Reduction and Enlargement Ratios	93%, 85%, 78%, 73%, 65%, 50%, 25%/400%, 200%, 155%, 129%, 121%
Dimensions (WxDxH)	25.6" x 25.9" x 29.1" (650 x 659 x 740mm) Standard Configuration
Weight	Less than 264.5 lb. (120kg) with ARDF
Power Requirements	120V, 12A, 60Hz
Power Consumption	1,440 Watts max.

SECURITY SPECIFICATIONS

Data Overwrite Security System (DOSS) Type D: (Optional) – Security feature that overwrites latent data on the system's hard drive after copy, scan, fax and print jobs.

Copy Data Security Unit Type A: (Optional) – Copies of prints made with this feature will be blacked out or embedded with a watermark to deter illegal copying.

Other Security Features – SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication; WPA (Wi-Fi Protect Access Support); PDF Encryption; Removable Hard Drive

DOCUMENT SERVER (STANDARD)

Capacity	40GB (shared with other functions)
Max. Stored Documents	1,000 documents
Max. Pages per Document	2,000 pages
Max. Pages of all Stored Documents	2,000 pages

PRINTER CONTROLLER (STANDARD)

CPU	RM7035C @ 600MHz, Embedded
Memory	1GB RAM & 40GB HDD Standard (Shared)
Max. Print Speed:	20-ppm B&W & Full-Color
Page Description Languages	PCL 5c, PCL 6, RPCS (Standard) Genuine Adobe®PostScript®3™, Includes PDF Direct Print (Optional)
Max. Print Resolution	2400 dpi equivalent x 600 dpi
Standard Interfaces	10BaseT/100BaseTX Ethernet (RJ-45), USB 2.0
Optional Interfaces	IEEE 802.11b Wireless LAN Interface Type H, Bluetooth Wireless Board Type 3245, IEEE 1284 Parallel Interface Type A, IEEE 1394 Interface Type B, USB Host Interface Type A*
Network/OS	*Required with optional Camera Direct Print Card Windows 95/98SE/NT4.0/2000/Me/XP/Vista/Server 2003, Novell NetWare 3.12, 3.2, 4.1, 4.1.1, 5.0, 5.1, 6, 6.5; UNIX filters for Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, and IBM AIX, MAC OS 8.6 - 9.2x; OS X 10.1 and later; SAP R/3, NDPS Gateway; IBM iSeries/AS/400-using OS/400 Host Print Transform
Utilities	SmartDeviceMonitor for Admin and Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder Lite, and Printer Utility for Mac (w/Adobe® PostScript®3™ option)

SCANNER (STANDARD)

Scanner Resolution	Monochrome Mode: From 100 to 600 dpi (1200 dpi for TWAIN B&W only) Full-Color Mode: From 100 to 600 dpi Default Setting: 200 dpi
Scanning Speed*	50-ipm Black & White 35-ipm Full-Color (200 dpi via ARDF)
Scan Area	Main Scan: 11.7" (297mm), Sub Scan: 17" (432mm)
Scan Size	Contact Glass: 11" x 17", 8.5" x 14", 8.5" x 11"
Scan Mode	ARDF: 5.5" x 8.5" to 11" x 17" Standard: BW Text/Line Art, BW Text, BW Text/Photo, BW Photo, BW Grayscale, FC Glossy Photo, FC Text/Photo, ACS Black & White: TIFF (MH, MR, MMR) Grayscale, Full-Color: JPEG
Compression Method	Scan-to-Email (with LDAP support) Scan-to-URL Scan-to-Folder (SMB/FTP/NCP) Network TWAIN Scanning
Scan-to Modes supported	
* When the File Format Converter Option is installed, Full-Color and Black & White Scanning speed is 50 ipm	

FACSIMILE (OPTIONAL)

Fax Option Type C3000	
Type	ITU-T (CCITT) G3, Additional G3 (optional)
Circuit Resolution	PSTN, PBX 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)
Modem Speed	33.6K - 2,400bps with Automatic Fallback
Compression Method	MH, MR, MMR, JBIG
Transmission Speed	G3: Approx. 2 seconds/page (w/JBIG compression) G3: Approx. 3 seconds/page (w/MMR compression)
Scan Speed	.56 seconds/page (Standard/Detail Mode); 1.12 seconds/page (Super Fine Mode)
Auto Dialing	2,000 Quick Dials, 100 Group Dials (500 locations each)
Memory Capacity	4MB (approx. 320 pages); Maximum 28MB (2,240 pages)
Additional Modes	Internet Fax by E-mail (T.37), IP Fax (T.38), LAN Fax, Fax Forward to E-mail/Folder, LDAP Support
Options	Additional G3 Lines (up to 2 lines) Fax SAF Memory Telephone Handset

HARDWARE ACCESSORIES

Two-Tray Paper Bank*	
Paper Capacity	1,100 sheets (550 sheets x 2 trays)
Paper Sizes	7.25" x 10.5" to 11" x 17"
Paper Weights	16 - 57 lb. Bond/120 lb. Index (60 - 216 g/m ²)
Large Capacity Tray (LCT)*	
Paper Capacity	2,000 sheets (1,000 sheets x 2)
Paper Sizes	8.5" x 11"
Paper Weights	16 - 57 lb. Bond/120 lb. Index (60 - 216 g/m ²)

FAC33 Cabinet*
*Please note either the Cabinet Stand or one of the paper options must be selected.

1,000-sheet Booklet Finisher (SR3000)*	
Paper Sizes	5.5" x 8.5" to 11" x 17", 12" x 18"
Paper Weights	Upper Proof Tray: 14 - 28 lb. Bond (52 - 105 g/m ²) Lower Shift Tray: 14 - 68 lb. Bond/140 lb. Index (52 - 256 g/m ²)
Stack Capacity	Upper Proof Tray: 100 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Lower Shift Tray: 1,000 sheets (8.5" x 11" or smaller), 500 sheets (8.5" x 14" or larger)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger) Saddle-Stitch: 10 sheets (up to 40-page booklets)
Staple Paper Sizes	8.5" x 11" to 11" x 17"
Staple Positions	1 stpl/2 positions; 2 stpl/3 positions

*2/3-Hole-Punch Unit Option available for Booklet Finisher

500-sheet Finisher (SR3010)*	
Paper Sizes	5.5" x 8.5" to 11" x 17"
Paper Weights	14 - 34 lb. Bond (52 - 128 g/m ²)
Stack Capacity	500 sheets (8.5" x 11" or smaller) 250 sheets (8.5" x 14" to 11" x 17")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Positions	1 stpl/2 positions; 2 stpl/1 position

1,000-sheet Finisher (SR790)*	
Paper Sizes	5.5" x 8.5" to 12" x 18"
Paper Weights	Shift Tray: 17 - 43 lb. Bond/90 lb. Index (64 - 163 g/m ²) Proof Tray: 14 - 68 lb. Bond/140 lb. Index (52 - 260 g/m ²)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Shift Tray: 1,000 sheets (8.5" x 11" or smaller), 500 sheets (8.5" x 14" or larger)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)

Staple Paper Sizes:	8.5" x 11" - 12" x 18"
Staple Positions:	1 stpl/2 positions; 2 stpl/2 positions
*All Finishers Require Bridge Unit	

Internal Shift Sort Tray*	
Paper Sizes	5.5" x 8.5" to 12" x 17"
Paper Capacity	250 sheets (8.5" x 11" or smaller) 125 sheets (8.5" x 14" or larger)
Paper Weights	14 - 67 lb. Bond/140 lb. Index (52 - 253 g/m ²)

*Internal Shift Sort Tray cannot be installed with a finisher

Inner One-Bin Tray	
Paper Sizes	5.5" x 8.5" to 11" x 17"
Bin Capacity	125 sheets
Paper Weights	16 - 45 lb. Bond/90 lb. Index (60 - 169 g/m ²)

ADDITIONAL ACCESSORIES

File Format Converter, Key Counter Bracket Type H, Optional Counter Interface Unit Type A, Java VM Card Type C for Embedded Software Architecture Applications, Camera Direct Print Card Type A (requires USB Host Interface.)

SUPPLIES & CONSUMABLES

Black Toner	20,000 pages
Cyan, Magenta, Yellow Toners	15,000 pages each (toner yields based on 5% coverage)

For maximum performance and yield, we recommend using genuine Lanier parts and supplies.

