THE RICOH CL7100

COLOR LASER PRINTER

Aficio®

RICOH®

Ricoh Aficio CL7100 Network Printers bring production printing into your office.

CL7100 DT1

The Speed You Need

Today, business information has a short life span, and it seems as you're constantly updating your communications. With the Ricoh® Aficio® CL7100, you'll always be able to deliver current information that looks its best.

It outputs 35 ppm in both color and black & white—even in duplex mode—so you can eliminate the cost—and time—of outsourcing. The Aficio CL7100's rapid first-print-out times of just 12 seconds for color and 11 for black & white are ideal for a workgroup or small department that uses shared network printers.

Seamlessly Fits into Your Environment

Take advantage of Ricoh Web Image Monitor, an Internet browser-based utility that enables you to set output parameters, check toner and paper levels, and even reset the printer—all right from the desktop! Even better, you can program the Aficio CL7100 to automatically send an e-mail when toner or paper levels get low or the printer needs service. The Aficio CL7100 also comes with Rendezvous support, which automatically integrates the Aficio CL7100 with all Macs on the network.

The Aficio CL7100 is available with Web JetAdmin Plug-in for HP's printer management utility so your IT staff can manage and monitor Ricoh printers without having to change the way they work.

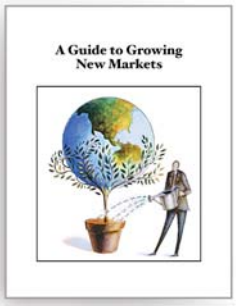
With a choice of printer drivers – Ricoh RPCS, PCL 5c emulation and Adobe PostScript 3, the Aficio CL7100 fits in seamlessly into any environment—PC, Macintosh and UNIX. Using the Aficio CL7100's RPCS driver, you can save print quality and finishing settings as an icon for single-click set-ups, along with outstanding performance when printing from Windows-based applications.

Designed for the Wired World– and the Wireless One, too!

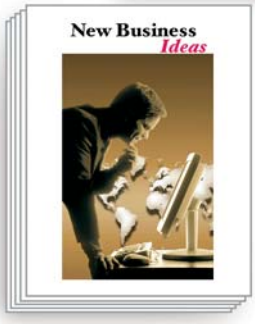
The Aficio CL7100 is engineered for today's networked world. In addition to standard 10/100BaseTX and USB 2.0, an optional IEEE 802.11b or Bluetooth wireless interface enables you to print to the Aficio CL7100 from just about anywhere in the office.

Polish Your Image

With the Aficio CL7100, your documents can break through the "clutter" to make a great impression. With its ability to print at a true resolution of 1,200 x 1,200 dpi on stocks as heavy as 90 lb index, the Aficio CL7100 can output materials of lasting value.



And, using the optional Booklet Finisher, you can generate brochures, catalogs and documents that look like they came directly from a commercial printer. Now, you can keep production in-house to save time and money!



PDF Direct Print

The Aficio CL7100 features PDF Direct Print, which minimizes the impact of printing PDFs on both users' PCs and the network. PDF Direct Print eliminates spooling on the host PC, so you can get back to work immediately, and transfers the much smaller PDF

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	CL7100	CL7100 D	CL7100 DT1	CL7100 DT2	CL7100 DL
Order #	402080	402081	402082	402083	402084
Standard Paper Input	500 sheets x 2 plus bypass tray	500 sheets x 2 plus bypass tray	500 sheets x 3 plus bypass tray	500 sheets x 4 plus bypass tray	500 sheets x 2, 2,000-sheet Large Capacity tray plus bypass tray
Duplex	Optional	Standard	Standard	Standard	Standard
RAM	128MB	256MB	256MB	256MB	256MB
HDD	Optional	Optional	Standard	Standard	Standard
Paper Handling Options	500 x 1, 500 x 2, 2,000-sheet Large Capacity tray or stand Document or Booklet Finisher	500 x 1, 500 x 2, 2,000-sheet Large Capacity tray or stand Document or Booklet Finisher	Document or Booklet Finisher	Document or Booklet Finisher	Document or Booklet Finisher

file to the Aficio CL7100, preventing network traffic. You can even print PDFs without launching Acrobat Reader.

Print Securely

If you print sensitive documents, you won't have to worry with the Aficio CL7100. The Locked Print (Secure Print) feature requires you to input a PIN at the Aficio CL7100 operator panel before it will output the file. Or, you can encrypt the file and transmit it to an Aficio CL7100 with the appropriate certificate. Either way, your document will be protected.

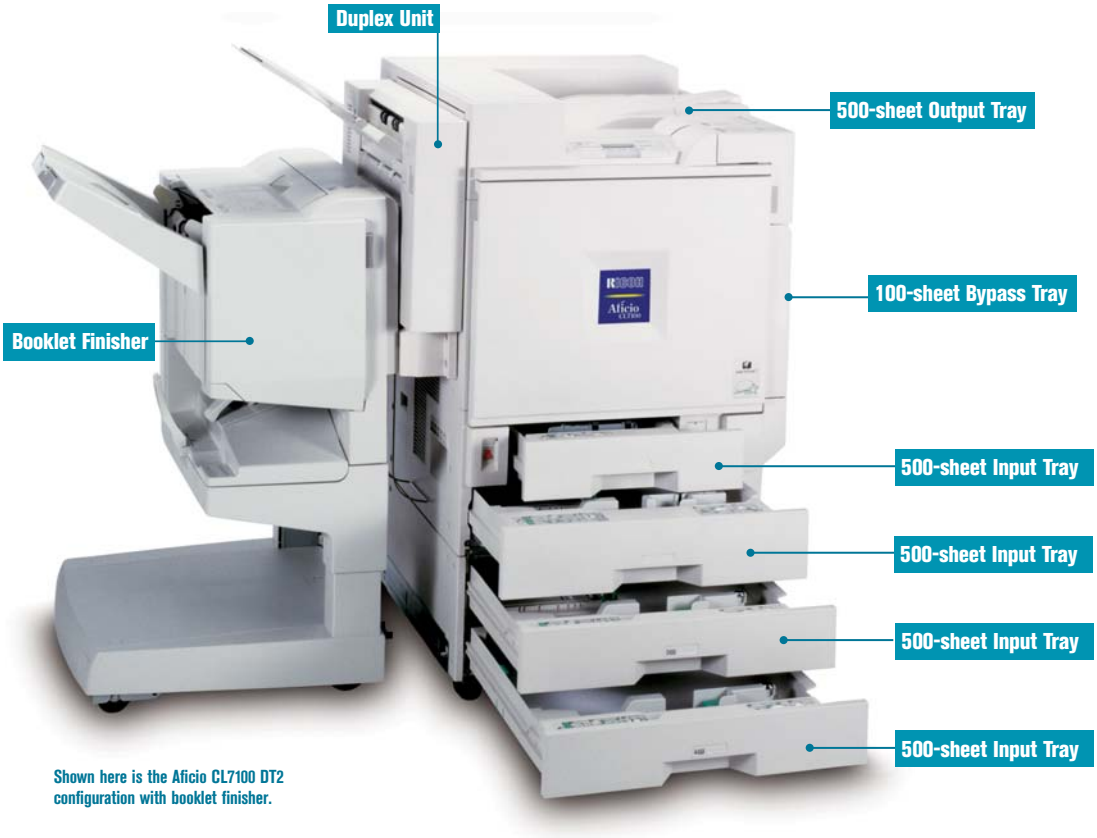
Complete Convenience

The Aficio CL7100 gives your workgroup a powerful yet cost-effective way to generate high-quality documents. Now you can eliminate outsourcing and produce professional-looking brochures, collateral and proposals right from your desktop.

Easily outperforming other color laser printers in its class, the Aficio CL7100 combines high-speed, business-class color and black & white printing with features and options typically reserved for high-end monochrome systems, including extra-large paper capacity, automatic duplexing and optional finishing.

With real-time management utilities, the Aficio CL7100 provides administrators detailed information and the ability to manage the system remotely.

The Aficio CL7100 gives your workgroup a powerful combination of speed, color and versatility.



Shown here is the Aficio CL7100 DT2 configuration with booklet finisher.

- Delivering 35 ppm in both color and black & white
- Outstanding quality 1,200 x 1,200 dpi resolution
- Wireless connectivity: 802.11b and Bluetooth interfaces
- Exceptional paper capacity: up to 3,100 sheets
- Professional finishing with a single mouse click

CL7100 COLOR LASER PRINTER

General Specifications

Configuration:	Desktop (Base Model)
Technology:	Laser beam scanning, electro-photographic printing and dual-component toner development
Resolution:	1,200 x 1,200 dpi, 1,200 x 600 dpi, 600 x 600 dpi
Printing Speed:	Plain Paper (8.5˝ x 11˝): 35 ppm full-color, 35 ppm black & white @ 1,200 x 600 dpi or 600 x 600 dpi; 14 ppm @ 1,200 x 1,200 dpi; 11˝ x 17˝/A3: 16 ppm @ 1,200 x 600 dpi or 600 x 600 dpi; 7 ppm @ 1,200 x 1,200 dpi Thick Papers/Transparencies: 10 ppm full-color or black & white Duplex: Same as simplex printing speed
First Print Speed:	12 seconds or less, full-color; 11 seconds or less, black & white
Dimensions (WxDxH):	Base: 22.7˝ x 26.7˝ x 29.4˝ / 575 x 678 x 745mm D: 26.6˝ x 26.7˝ x 29.4˝ / 675 x 678 x 745mm DT1: 26.6˝ x 26.7˝ x 35.4˝ / 675 x 678 x 899mm DT2/DL: 26.6˝ x 26.7˝ x 39.3˝ / 675 x 678 x 997mm
Weight:	Base: 187 lb / 85kg D: 205 lb / 93kg DT1: 245 lb / 111kg DT2/DL: 260 lb / 118kg
Input Capacity:	Bypass Tray: 100 sheets, plus Base / D: 2 x 500-sheets DT1: 3 x 500-sheets DT2: 4 x 500-sheets DL: 2 x 500 + 2,000-sheets Maximum: 3,100 sheets
Output Capacity:	Standard: 500 sheets, plus 100-sheets face-up output tray Optional Booklet Finisher: 1,000 sheets Optional Finisher: 2,500 sheets Maximum Output Capacity: 3,100 sheets with Finisher option
Paper Sizes:	Trays: 8.5˝ x 11˝, 8.5˝ x 14˝, 11˝ x 17˝, 7.5˝ x 10.5˝, 8˝ x 13˝, 8.25˝ x 13˝, 8.5˝ x 13˝, A5, A4, A3 Bypass Tray: Width 3.5˝ to 12˝ (90 to 148mm); Length 5.8˝ to 18˝ (148 to 457mm) – PCL 5c/PS3; long papers to 49.6˝ (1,260mm) - RPCS
Paper Weights:	Trays: 16 to 28 lb bond / 60 to 105g/m^2 Bypass Tray: 16 lb bond to 90 lb index / 60 to 163g/m^2
Paper Types:	Plain Paper, Laser-printer qualified transparencies*, card stock*, labels* (Bypass Tray and Face-Up Output Tray only)
Duplex Printing:	Base: Optional; Others: Standard
Power Consumption:	1,440 watts or less, Energy Saver mode: 15 watts or less
Warm-Up Time:	99 seconds
Safety Regulations:	UL 1950 / cUL, CSA No. 950, FDA-21 CFR-J, FCC Class B

Paper Handling Options:

500 sheets x 1 tray Type 7100		(Part #402085)
500 sheets x 2 tray Type 7100		(Part #402086)
2,000-Sheet Large Capacity Tray Type 7100		(Part #402087)
Stand FAC27		(Part #402268)
Duplex Unit Type 7100		(Part #402088)
Booklet Finisher SR910		(Part #411583)
Paper Sizes:	Plain paper and sizes supported through standard trays	
Stack Capacity:	Folded: 10 sets (6-10 sheets/set) or 20 sets (2-5 sheets/set) Sorted: 1,000 sheets (8.5˝ x 11˝/A4) or 500 sheets: 8.5˝ x 14˝ to 11˝ x 17˝ (A4 to A3)	
Staple Capacity:	50 sheets (8.5˝ x 11˝ / A4), 25 sheets (8.5˝ x 14˝ to 11˝ x 17˝ / A3), 10 sheets (booklet)	
Staple/Booklet Paper Size:	8.5˝ x 11˝, 8.5˝ x 14˝, 11˝ x 17˝, A4, A3	
Staple Position:	1 Staple: 2 positions; 2 Staples: left and center (saddle stitch)	
Staple/Booklet Paper Weights:	17 to 21 lb bond (64 to 80g/m^2)	
Hole Punch:	Optional	(Part #411585)
Number of Holes:	Two or Three	
Finisher (Staple/Stacker) SR770		(Part #402017)
Paper Sizes:	Plain paper and sizes supported through standard trays	
Stack Capacity:	Upper Tray: 500 sheets (8.5˝ x 11˝ / A4) or 250 sheets (8.5˝ x 14˝ or 11˝ x 17˝ / A3); Lower Tray: 2,000 sheets (8.5˝ x 11˝/A4) or 750 sheets (8.5˝ x 14˝ or 11˝ x 17˝/A3)	
Staple Capacity:	50 sheets (8.5˝ x 11˝ / A4) or 30 sheets (8.5˝ x 14˝ or 11˝ x 17˝ / A3)	
Staple Paper Size:	8.5˝ x 11˝, 8.5˝ x 14˝, 11˝ x 17˝, A4, A3	
Staple Paper Weight:	17 to 24 lb bond (64 to 90g/m^2)	
Hole Punch:	Optional	(Part #410785)
Number of Holes:	Two or Three	

Notes: Only one of 500 x 1, 500 x 2, 2,000-sheet input tray or stand can be installed simultaneously.
Duplex unit and a Paper Tray are required to install Finisher or Booklet Finisher.
Finisher and Booklet Finisher cannot be installed simultaneously.

EPA 2000 Office Products Partner of the Year (5th consecutive year)
EPA 2000 Labeling Partner of the Year
Ricoh Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.

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Controller Specifications

CPU:	RM7065C 600MHz
Printer Languages:	Ricoh RPCS (Refined Printing Command Stream), Adobe PostScript 3, PCL 5c emulation
Fonts:	Adobe PostScript 3: 136 Type 1 fonts PCL 5c: 35 Intellifonts, 10 TrueType fonts, 1 Bitmap font
Memory:	Base: 128MB; Others: 256MB; 384MB maximum
Interfaces:	10/100BaseTX Ethernet, USB 2.0
Optional Interfaces:	IEEE 1394, IEEE 802.11b wireless LAN, Bluetooth wireless, IEEE 1284 Bi-Directional Parallel
Network Protocols:	TCP/IP, IPX/SPX, Netware 3.x, 4.x, 5.x, 6.x, AppleTalk, NetBEUI, IPP
Other Supported:	UNIX (lpr/lpd): Sun Solaris2.6/7/8/9, HP-UX 10/11, SCO Open Server 5.06, IBM AIX V4.3/5L V5.1/5L V5.2, Red Hat Linux 6/7/8/9
Management Utilities:	Web Image Monitor (embedded in NIC), SmartDeviceMonitor, Web SmartDeviceMonitor, Printer Utility for Macintosh, DeskTopBinder V2 Lite (Pro version optional), Font Manager 2000
Drivers:	RPCS: Windows 95 / 98 / Me / NT4.0 / 2000 / XP / Server 2003 Adobe PostScript 3: Windows 95 / 98 / Me / NT4.0 / 2000 / XP / Server 2003, Apple OS 8.6 – 9.2; OS X (v.10.1, 10.2, 10.3), UNIX PCL 5c emulation: Windows 95 / 98 / Me / NT4.0 / 2000 / XP / Server 2003

Memory Options

Printer Hard Disk Type 7100 (40GB) (Part #402089)
Hard disk drive is necessary for Locked Print, Sample Print, Job Spooling and permanent font downloading; either hard disk drive or 192MB RAM is necessary for sorting (RIP once and Print Many) / stapling / booklet making; hard disk drive is recommended for PDF Direct Print. HDD is optional on the Base and CL7100D; HDD is standard on other configurations.

RAM
144-pin DIMM; SDRAM (PC133 compliant)
128MB (Part #001179MIU), 256MB (Part #001180MIU)
Min. 192MB is recommended to duplex print at highest resolution (1200 x 1200 dpi) and print papers longer than 18˝. 192MB is required to print at high quality (2 bits per pixel) gradation with PCL 5c printer driver.

Interface Options

*Note: Only one additional interface can be installed.

IEEE 1394 Interface Board Type B (Part #411264)
Hardware Specifications: 6 pins; 2 ports available
Data Transmission Speeds: 400 Mbps, 200 Mbps, 100Mbps
System Requirements: Windows 2000 Professional / Server with Service Pack 1; Windows XP for IP over IEEE 1394 (TCP/IP Protocol)

IEEE 802.11b Wireless LAN Interface Type C (Part #411265)
Data Transmission speed: 11 / 5.5 / 2 / 1Mbps
Note: Cannot be used simultaneously with 10/100BaseTX interface. Must be manually selected at the operator control panel.

Bluetooth Interface Type 2238 (Part #411603)
Data Transmission Speed: 1Mbps

IEEE 1284 Parallel Interface Board Type A (Part #411699)

User Account Enhance Unit Type D (Part #402047)
Printing usage can be monitored, and users can be restricted from color printing with SmartDeviceMonitor for Admin and Web Image Monitor.

Supplies

(Yields are based on 5% coverage on letter-size/A4 page)

Black Toner	Approximately 20,000 pages	(Part #885372)
Cyan Toner	Approximately 10,000 pages	(Part #885375)
Magenta Toner	Approximately 10,000 pages	(Part #885374)
Yellow Toner	Approximately 10,000 pages	(Part #885373)
Black Image Drum		(Part #402051)
Color Image Drums		(Part #402050)
Black Development Unit		(Part #400962)
Color Development Units		(Part #400961)
Waste Toner Bottle		(Part #400662)
Fusing Unit		(Part #402052)
Oil Supply Unit		(Part #400878)
Staple Cartridge for SR770 Finisher Type K (5,000 shots)		(Part #410801)
Refills for Staple Cartridge Type K (5,000 x 3 shots)		(Part #410802)
Staple Cartridge for Booklet Finisher Type P (5,000 shots)		(Part #411730)

Specifications and external appearances are subject to change without notice. For maximum performance and yields, we recommend using genuine Ricoh parts and supplies. Print speed may be affected by network, application, or PC performance. Products are shown with optional features.

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