

CL7000

THE RICOH AFICIO CL7000

THE RICOH
color printer
series



Aficio[®]

RICOH[®]

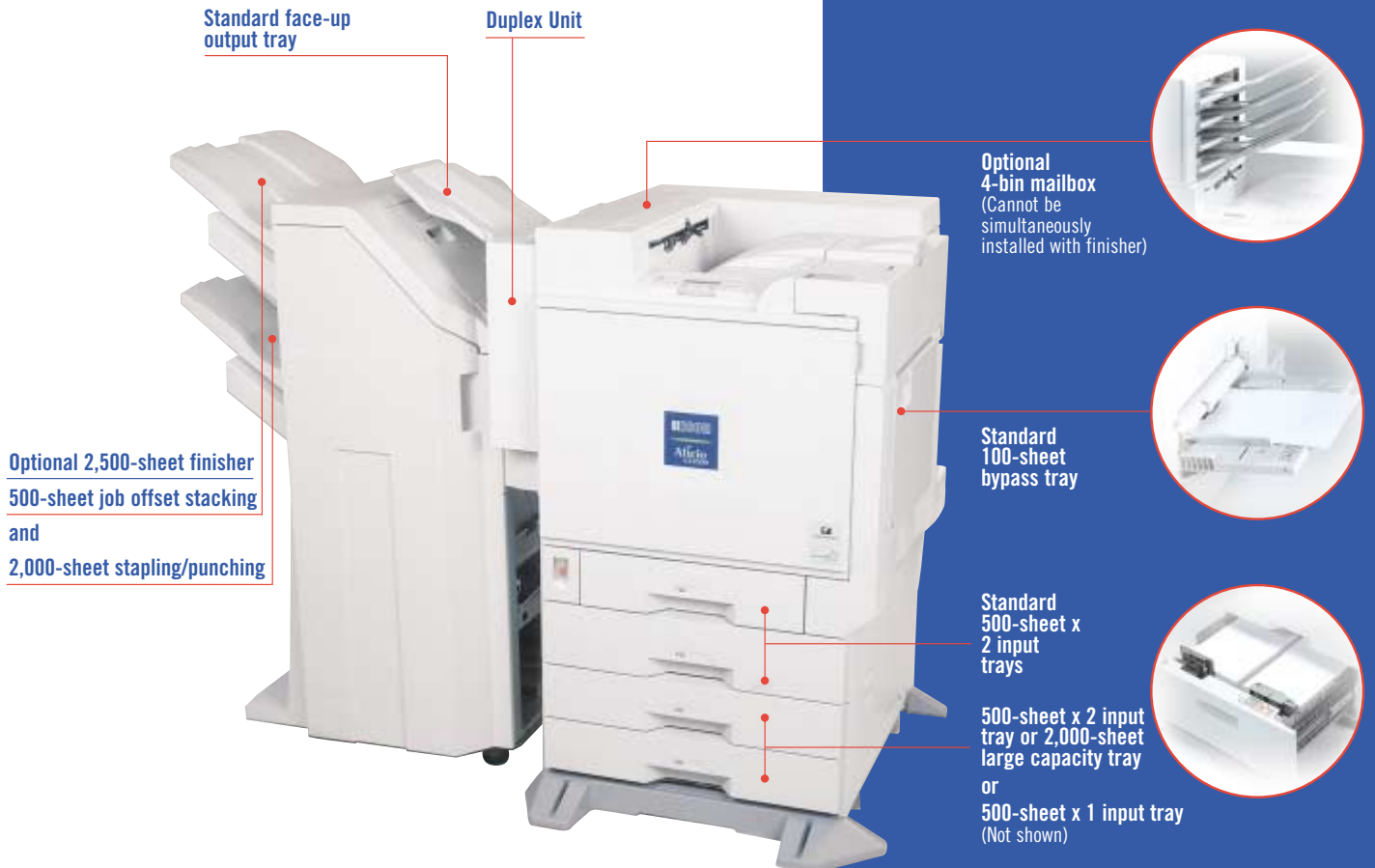
THE RICOH AFICIO CL7000

Efficient teamwork and sharing ideas with colleagues, customers, and partners is key to business success. And, the Ricoh® Aficio® CL7000 is your ultimate team player, enabling an entire workgroup to share information and collaborate for maximum impact.

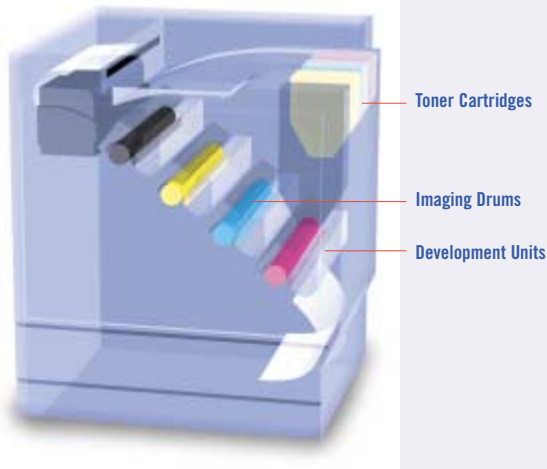
Incorporating Ricoh's innovative single-pass tandem laser technology, the CL7000 outputs brilliant color pages at a blazing **28ppm** and **38ppm** in black and white—all at 1,200 x 600 dpi!

The CL7000 quickly produces every type of color document that today's business office needs – documents like flyers, proposals, newsletters, direct mail pieces, and brochures. Best of all, it does it at a price you can easily afford, adding up to an incomparable value.

The color laser printer for the most demanding business in the world... yours.



Single Pass Printing System



Top Speed & High Quality

At 28 color and 38 black & white ppm, the CL7000's throughput puts it at the top of its class. Better yet, its optimized 500MHz processor prints out the first color page in 12 seconds and black & white in 9. And the CL7000 delivers a maximum of 1,200 x 1,200 dpi; that means you get razor-sharp text along with exceptionally smooth graphics.

Versatile Connectivity

Sharing is what the CL7000 is all about. Experience true computing and printing mobility as well as fast data transfer speeds and plug-and-play operation. Your options range from standard Ethernet and parallel port to wireless access as well as printing on the run using the Internet Printing Protocol (IPP). Whether you are looking for basic hardware connectivity or the flexibility to print from anywhere the CL7000 offers a solution for everyone.

Easy Operation and Management

The CL7000 was designed with the end user in mind. From system setup to operation and maintenance, the CL7000 makes it virtually foolproof. Given the Adobe PostScript 3, PCL5c emulation, and the Ricoh RPCS (Refined Printing Command Stream) drivers to choose from, loading printer drivers is a breeze. The only decision you have to make is which one to install.

Whether you are working in a small workgroup or a large corporate environment, Ricoh offers a multitude of device management applications that will work with the CL7000. They will allow you to monitor, manage and configure your printers right from your desktop. Get e-mail notification, monitor paper levels, and configure the device at the click of a mouse. And with Parallel Printing and Recovery Printing as options, your print jobs will get done whether the selected printer is available or not; because the job will just be redirected to a similar Ricoh connected device.

Toner replacement on the CL7000 is a simple three step process: Open the top access panel, take out the empty cartridge, and put the new cartridge in. No tools, turning release levers, or spilling toner. It can't be any cleaner or easier than on the CL7000.

Flexible Paper Handling

Whatever your output needs, the CL7000 supports a wide range of paper types and finishing options. It holds up to 3,100 sheets with automatic duplexing and support for stocks as large as 12"x 49" (banner printing) through the bypass tray and as heavy as 90 lb. Index ... so you won't have to change or reload paper as often.



Finishing options start with a four-bin mailbox that automatically routes documents. Or, install the 2,500-sheet finisher, which collates, sorts, and staples up to 50 pages – with the option for a two- or three-hole punching unit.

Advanced Features

The CL7000 can do so much for you.

Here is just a sampling of some of the "extras":

- **Sample Print:** proof a document before outputting multiple copies
- **Locked Print:** insures confidential information remains confidential
- **Big or Small:** produce large 12"x 49" banners
- **Digital Camera Application:** automatically adjusts under or over exposed photos

CL7000 (Part #400923)	CL7000 D (Part #400900)	CL7000 DT1 (Part #400901)
		
Paper Input: 500-sheet x 2 trays	Paper Input: 500-sheet x 2 trays	Paper Input: 500-sheet x 3 trays
Duplex: Option (#400920)	Duplex: Standard	Duplex: Standard
RAM: 64MB	RAM: 192MB	RAM: 192MB
HDD: Optional (#402022)	HDD: Standard	HDD: Standard
Paper Handling Options: <ul style="list-style-type: none">• Either 500 x 1, 500 x 2, 2,000 sheet input tray or stand• Finisher or 4-bin mailbox	Paper Handling Options: <ul style="list-style-type: none">• Either 500 x 1, 500 x 2, 2,000 sheet input tray or stand• Finisher or 4-bin mailbox	Paper Handling Options: <ul style="list-style-type: none">• Finisher or 4-bin mailbox

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Color Laser Printer

General Specifications

Configuration:	Desktop
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"): 28 ppm full-color, 38 ppm black & white @ 1,200 x 600 dpi or 600 x 600 dpi; 14 ppm full-color, 28 ppm black & white @ 1,200 x 1,200 dpi Thick Papers/Transparencies: 10 ppm full-color or black & white Duplex/Stapling/Punching: Virtually the same as simplex printing speed
First Print Speed:	12 seconds or less, full-color; 9 seconds or less, black & white
Dimensions (WxDxH):	CL7000: 22.7" x 26.7" x 29.3" (575 x 678 x 745 mm) CL7000 D: 26.2" x 26.7" x 29.3" (675 x 678 x 745 mm) CL7000 DT1: 26.2" x 26.7" x 35.4" (675 x 678 x 899 mm)
Weight:	CL7000: 187 lb. (85 kg) CL7000 D: 205 lb. (93 kg) CL7000 DT1: 245 lb. (111 kg)
Input Capacity:	Bypass Tray: 100 sheets CL7000: 500 sheets x 2 CL7000 D: 500 sheets x 2 CL7000 DT1: 500 sheets x 3 Up to 3,100 sheets total capacity
Output Capacity:	Standard: 500 sheets, plus 100-sheet face up output tray Optional 4-bin Mailbox: 125 sheets per bin Optional Finisher: 2,500 sheets Maximum Output Capacity: 3,100 sheets with optional Finisher
Paper Input Sizes:	Trays: 8.5" x 11", 8.5" x 14", 11" x 17", 7.25" x 10.5", 8" x 13", 8.5" x 13", 8.25" x 13", A5, A4, A3
Bypass Tray:	Width 3.5" to 12" (90 to 305 mm); Length 5.8" to 18" (148 to 457 mm) PCLPS; 5.8" to 49" (148 to 1,260 mm) RPCS
Paper Weights:	Trays: 16 to 28 lb. Bond (60 to 105 g/m ²) Bypass Tray: 16 lb. bond to 90 lb. index (60 to 163 g/m ²)
Paper Types:	Plain paper, laser-printer qualified transparencies*, card stock*, labels* (*Bypass Tray and Face-Up Output Tray only)
Duplex Printing:	CL7000: Optional; Standard on CL7000 D and CL7000 DT1
Power Consumption:	1,200 watts or less, with Finisher Energy Star mode: 45 watts or less
Warm-Up Time:	99 seconds

Controller Specifications

CPU:	RM7000 500MHz
Printer Languages:	Adobe PostScript 3, PCL5c emulation, Ricoh RPCS (Refined Printing Command Stream)
Fonts:	Adobe PostScript 3: 136 Type 1 fonts PCL5c: 35 Intellifonts, 10 TrueType fonts, 1 Bitmap font
Memory:	CL7000: 64 MB; CL7000 D and DT1: 192 MB; 384 MB maximum
Interfaces:	10/100 BaseTX Ethernet Bi-directional IEEE 1284-compliant parallel
Optional Interfaces:	USB 1.1 / 2.0, IEEE 1394, IEEE 802.11b wireless LAN, Bluetooth wireless
Network Protocols:	TCP/IP, IPX/SPX (Netware 3.x, 4.x, 5.x), AppleTalk, IPP, NetBEUI* (*w/ SmartNetMonitor Utility)
Other Supported:	UNIX (lpr/lpd): Sun Solaris 2.6/7/8, HP-UX 10/11, SCO Open Server 5, IBM AIX V4.3/5L V5.1, Red Hat Linux 6/7
Management Utilities:	SmartNetMonitor, Web SmartNetMonitor, Printer Utility for Macintosh, DeskTopBinder V2 Lite (Pro version optional)
Drivers:	RPCS: Windows 95 / 98 / Me / NT4.0 / 2000 / XP Adobe PostScript 3: Windows 95 / 98 / Me / NT4.0 / 2000 / XP, Mac OS 8.6 or later, Mac OS X (native), UNIX PCL5c emulation: Windows 95 / 98 / Me / NT4.0 / 2000 / XP
Optional Paper Handling:	500 sheets x 1 tray (Part #400775), 500 sheets x 2 tray (Part #400776), 2,000-sheet Large Capacity Tray (Part #400777) Duplex Unit (Part #400920) 4-Bin Mailbox (Part #400546) Finisher SR770 (Part #400542/402017) Punch Kit Type 1045 (Part #410785) Stand FAC14 (Part #400581)

Note: Finisher & Mailbox cannot be installed simultaneously
Duplex Unit and a Paper Tray are required to install Finisher
Only one of 500 x 1, 500 x 2, 2,000-sheet Input Tray or Stand can be installed simultaneously

Controller Options

Hard Disk Drive (Part #402022)

Hard disk drive is necessary for Locked Print, Sample Print, Job Spooling and permanent font downloading; either hard disk drive or 192 MB RAM is necessary for Finisher and RIP Once, Print Many function.

RAM

144-pin DIMM; SDRAM (PC133 compliant)
64MB (Part #001178MIU), 128MB (Part #001179MIU), 256MB (Part #001180MIU)

Optional Interfaces:

*Note: Only one additional interface can be installed per unit

USB1.1/ 2.0 Interface Board Type A (Part # 411237)

IEEE 1394 Interface Board Type 4510 (Part #400745)

Hardware Specifications: 6 pins, 2 ports available
Data Transmission Speeds: 400 Mbps, 200 Mbps, 100 Mbps
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 A (Part #402001)

Data Transmission Speed: 1 / 2 / 5.5 / 11 Mbps

Note: Cannot be used simultaneously with 10/100 BaseTX interface. Must be manually selected at the operator control panel

Bluetooth Wireless Interface Type 2045 (Part #411377)

Data Transmission Speed: 1 Mbps

Other Controller Option

User Account Management Module Type C (Part #400893)

Printing usage can be monitored, and users accessing color printing can be restricted from SmartNetMonitor

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 #400880)
Color Image Drums		(Part #400879)
Black Development Unit		(Part #400962)
Color Development Units		(Part #400961)
Waste Toner Bottle		(Part #400662)
Fusing Unit		(Part #400876)
Oil Supply Unit		(Part #400878)
Staple Set Cartridge Type K	(5,000 shots)	(Part #410801)
Staple Refills Type K	(5,000 x 3 shots)	(Part #410802)

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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