THE RICOH AFICIO
CL3000
COLOR LASER PRINTER

Color Printer

The color printer you can't afford not to have…

Workgroup Performance on the Desktop

Ricoh's Aficio CL3000 brings the performance of a workgroup printer in the same footprint as a desktop–at a fraction of the price.

- An amazing 16.9 ppm color and 21 ppm black & white output. Even better, automatic duplex printing has no impact on throughput, while cutting your paper consumption and filing requirements in half!

- A First Page Out time of less than 15.5 seconds for both color and black & white means less waiting between documents.

All the Right Connections for the Ultimate Workflow

Unlike other printers in its class, you won't need any additional options to connect your CL3000. It comes ready to integrate with your network right out of the box, with an auto-switching 10/100 BaseTX network interface and support for all the major protocols. There's also a USB port (1.1 and 2.0), an increasingly popular interface for the mobile workforce, and a bi-directional parallel port for direct connection to a workstation or print server.

- For the ultimate in accessibility, take advantage of the CL3000's wireless options. Choose between IEEE 802.11b and Bluetooth to position the CL3000 anywhere in the office and transparent support for visiting telecommuters and other users.

- If you generate complex color graphics, the optional IEEE 1394 port offers transfer speeds of up to 400 Mbps and saves precious network bandwidth. This option also enables visiting laptop users to plug in and print without rebooting.

- The Aficio CL3000 offers seamless compatibility with computers running Windows, Macintosh, and UNIX operating systems, and comes with three page description languages: Adobe® PostScript® 3™, Ricoh's RPCS, or a PCL5c emulation.

Transforming Old Perceptions with New Economics

Traditionally, high performance, quality and versatility have meant high price. Not with the CL3000: It features a low hardware investment and low cost of operation. While the CL3000 can be a resource for several users, it's affordable enough so that users can even have their own.

- Everything you need to get up and running out of the box is configured with the CL3000. There are no hidden costs or surprises to get into printing production.

- Auto Color Sensing saves money on documents consisting of monochrome and color pages. Only the necessary number of development cycles are used to image each page to minimize operating costs. By contrast, other printers can output all pages in a mixed document at the higher cost of color pages.

- The Aficio CL3000 uses just 10 or less watts of power in EnergySaver mode, saving you money when idle, while the rapid recovery time means virtually no waiting when you're ready to print again.

RICOH®

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General Specifications

Part# 400832

Configuration:	Desktop
Technology:	Laser-beam scanning, electro-photographic printing with mono-component toner development
Resolution:	1,200 x 1,200 dpi, 1,200 x 600 dpi, 600 x 600 dpi (default)
Printing Speed:	21 ppm (black & white), 16.9 ppm (full color) @ 600 x 600 or 1,200 x 600 dpi); 8 ppm (color or black & white) @ 1,200 x 1,200 dpi, Thick Papers/Transparencies: 8 ppm (black & white/full color) Duplex Speed: 21 ipm (black & white), 16.9 ipm (full color)
First Print Speed:	15.5 seconds
Dimensions (W x D x H):	16.5" x 21.1"x 15.5" (419 x 536 x 395mm)
Weight:	68.3 lbs. (31kg)
Input Capacity:	Bypass Tray: 100 sheets Standard Tray: 530 sheets Up to 1,690 sheet total capacity
Output Capacity:	250 sheets face up
Paper Sizes:	Trays: 8.5" x 11"; 8.5" x 14"; A4; B5 Bypass Tray: 3.56" x 5.85" (min.); 7.25" x 10.5"; 8" x 13"; 8.5" x 14" (90 x 148 to 216 x 356mm min./max.)
Paper Weight:	Trays: 16 to 28 lb. Bond (60 to 105g/m^2) Bypass tray: 20 to 44 lb. Bond (64 to 165g/m^2)
Paper Types:	Plain paper, Laser-printer qualified transparencies, card stock, labels, envelopes
Duplex Printing:	Optional
Warm-up Time:	Less than 30 seconds
Power Consumption:	1,300W or less Energy Saver Mode: 10W or less

Controller Specifications

CPU:	RM7065 400 MHz
Printer Languages:	Adobe PostScript 3, PCL 5c emulation, Ricoh RPCS
Fonts:	For Adobe PostScript 3: 136 Type 1 fonts For PCL5c: 35 Intellifonts; 10 TrueType fonts; 1 bitmap font
Memory:	64 MB RAM; expansion up to 384 MB
Hard Disk Drive:	10 GB (Optional)
Interface:	IEEE 1284 Bi-directional Parallel port USB 2.0 Serial Port 10/100 BaseTX Ethernet
Optional Interface:	IEEE 1394 port IEEE 802,11b wireless LAN interface Bluetooth interface
Network Protocols:	Simultaneous auto-sensing and auto-switching protocols: TCP/IP, Novell IPX/SPX, AppleTalk, SMB/NetBEUI
Driver:	PCL 5c: Windows 95/98/Me/NT 4.0/2000/XP PS: Windows 95/98/Me/NT 4.0/2000/XP, Macintosh 8.6 or later, UNIX (Solaris, HP-UX, Red Hat Linux, HP-VX, SCO, IBM AIX) RPCS: Windows 95/98/Me/NT 4.0/2000/XP For Unix support, visit www.ricoh-usa.com/download
Printer Utilities:	SmartNetMonitor; Web Status Monitor; DeskTopBinder; Printer Utility for Mac; Agfa Font Manager 2000

Controller Options

10 GB Hard Disk Drive:
Part # 001404MIU

HDD is necessary for Locked Print (Secure Printing), Sample Print, job spooling, and permanent font downloading. Either HDD or 128 MB of memory is necessary for electronic collation or RIP Once and Print Many capability.

Memory Options:
144-pin DIMM SD-RAM (PC133 compliant)
Maximum of 384 MB total
64 MB RAM . . . . .Part # 001178MIU
128 MB RAM . . . . .Part # 001179MIU
256 MB RAM . . . . .Part # 001180MIU

IEEE 1394 Interface Board Type 4510
Part # 400745

Included Cables:	2.0m 6pin to 6pin cable, 2.0m 6pin to 4pin cable
Hardware Specifications:	6 pins; 2 ports available
Data Transmission Speed:	100/200/400 Mbps
System Requirement:	Windows 2000 Professional/Server with Server Pack 1 Windows XP for IP over IEEE 1394 (TCP/IP Protocol)

IEEE 802.11b Wireless LAN Interface Type A
Part # 400779

Data Transmission Speed:	1/2/5.5/11 Mbps Note: Cannot be used simultaneously with 10/100 BaseTX. Must be manually selected at printer control panel.

Bluetooth Interface Board Type A
Part # 400851

Range:	Approximately 10m
Supported OS:	Same as print driver
Transmission Specification:	Bluetooth v1.1

Use Account Enhance Unit Type B
Part # 400570

Printing usage can be monitored and users accessing color printing can be restricted using SmartNetMonitor.

Optional Accessories

Paper Feed Unit Type 3000
Part # 400836

Paper Size:	Trays: 8.5" x 11"; 8.5" x 14"; A4; B5
Paper Weights:	Trays: 16 to 28 lb. Bond (60 to 105g/m^2)
Capacity:	530 sheets

Note: The CL3000 can be configured with up to two additional paper trays.

Duplex Unit AD440
Part # 400835

Paper Size:	Trays: 8.5" x 11"; 8.5" x 14"; A4; B5
Paper Weights:	16 - 28 lb. Bond (60 to 105g/m^2)

Supplies

Color LP Toner Type 125 Black . . . . Part # 400963
Color LP Toner Type 125 Cyan . . . . Part # 400969
Color LP Toner Type 125 Magenta . . . . Part # 400975
Color LP Toner Type 125 Yellow . . . . Part # 400981
Photoconductor Unit Type 125 Black . . . . Part # 400842
Photoconductor Unit Type 125 Color . . . . Part # 400843
Waste Toner Bottle Type 125 . . . . Part # 400844
Fusing Unit Type 125 . . . . Part # 400845
Intermediate Transfer Unit Type 125 . . . . Part # 400846

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.

Our earth, Our tomorrow

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Image Communication