

AP3800C

THE RICOH AFICIO AP3800C COLOR PRINTER



THE RICOH color printer series

- Phenomenal 28 ppm full-color and 38ppm black & white print speeds
- Precision imaging at 1200 x 1200 dpi resolution
- Versatile paper handling:
 - Up to 12 x 18 paper
 - 3,100 sheet paper capacity
- Flexible choice of on-line finishing: auto-duplexing, sorting, stapling, punching



Aficio®

RICOH®



A True Workgroup Color Laser Printer!

with Unprecedented Speed and
Complete On-Line Document Finishing

THE RICOH AFICIO AP3800C

color printer



It's finally here... a full-color network workgroup printer that's *really* up to speed with the work you do: the RICOH® Aficio® AP3800C. Color is a prerequisite in today's business world, and thanks to Ricoh's revolutionary color laser technology, any office can produce spectacular color at printing speeds at an unheard of 28 ppm, and an impressive 38 ppm for black & white. The state-of-the-art AP3800C combines high-quality imaging and industry leading document finishing, at an incredible value. It's the only printer your workgroup will ever need!

RICOH®

THE RICOH AFICIO

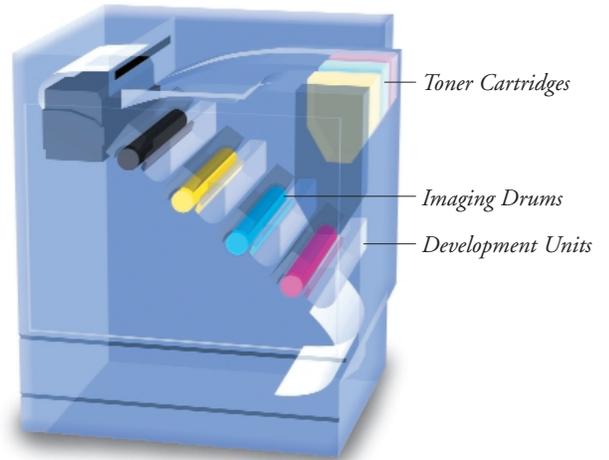
AP3800C

High Performance Without Compromise

The AP3800C delivers the performance and capabilities that were once limited to black & white printers and high end copiers...all at a low cost of ownership.

- As the world's fastest color printer in its class, the AP3800C guarantees **full-color printing speed of 28 pages per minute**, producing time-sensitive documents even at a moments notice. Whereas the speed of most color printers are limited by their multi-pass color imaging systems, the AP3800C's **tandem drum printing system** prints each color successively in a single pass, optimizing the throughput and *dramatically* increasing full-color printing speed.
- And the AP3800C's **black & white printing speed of 38 ppm** is equally impressive, rivaling any workgroup black & white laser printer. The AP3800C provides the performance required for both color and black & white documents.
- Just as remarkable on the AP3800C are the **full-color limitless auto-duplexing, multi-position stapling, and punching** (optional). All on-line and accessed with a single mouse click. But the real advantage is that any finishing functions invoked does not affect printing speed.
- Ricoh's advanced fusing technology reduces warm-up time by a third compared to current color laser printers. This contributes to **fast first print speeds of 12 seconds for full-color, and 9 seconds for black & white**.
- **RIP Once & Print Many** function reduces redundant file processing and enables the AP3800C to print at full speed.*

* Depending on the configuration of the AP3800C, additional RAM or HDD may be required.

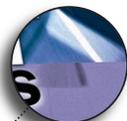
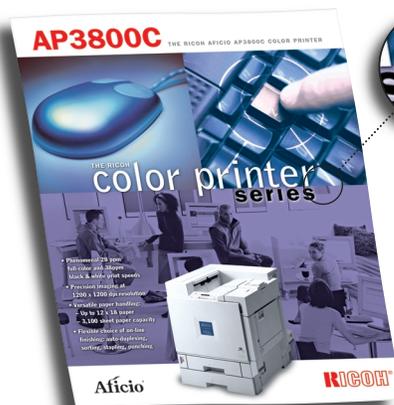


Single Pass Printing System

Quality Color Imaging Without The Costly Premium

Create your own high quality full-color documents with a professional look.

- Eliminate costly and time-consuming outsourcing for your color printing needs. Take control of color production—from printing a simple color document to multiple copies of a brilliant high impact sales proposal—with the affordable and easy-to-use AP3800C. With a **maximum resolution of 1200 x 1200 dpi**, everything from text to graphics to photos print with stunning color and extraordinary clarity from the AP3800C.
- Ricoh combines **high quality printing and exceptional cost** of ownership into one workgroup solution. There is no excuse for not bringing color printing in-house anymore. The AP3800C is the only answer.



1,200 dpi

True 1200 x 1200 dpi resolution produces crisp text and precision graphics.

The AP3800C

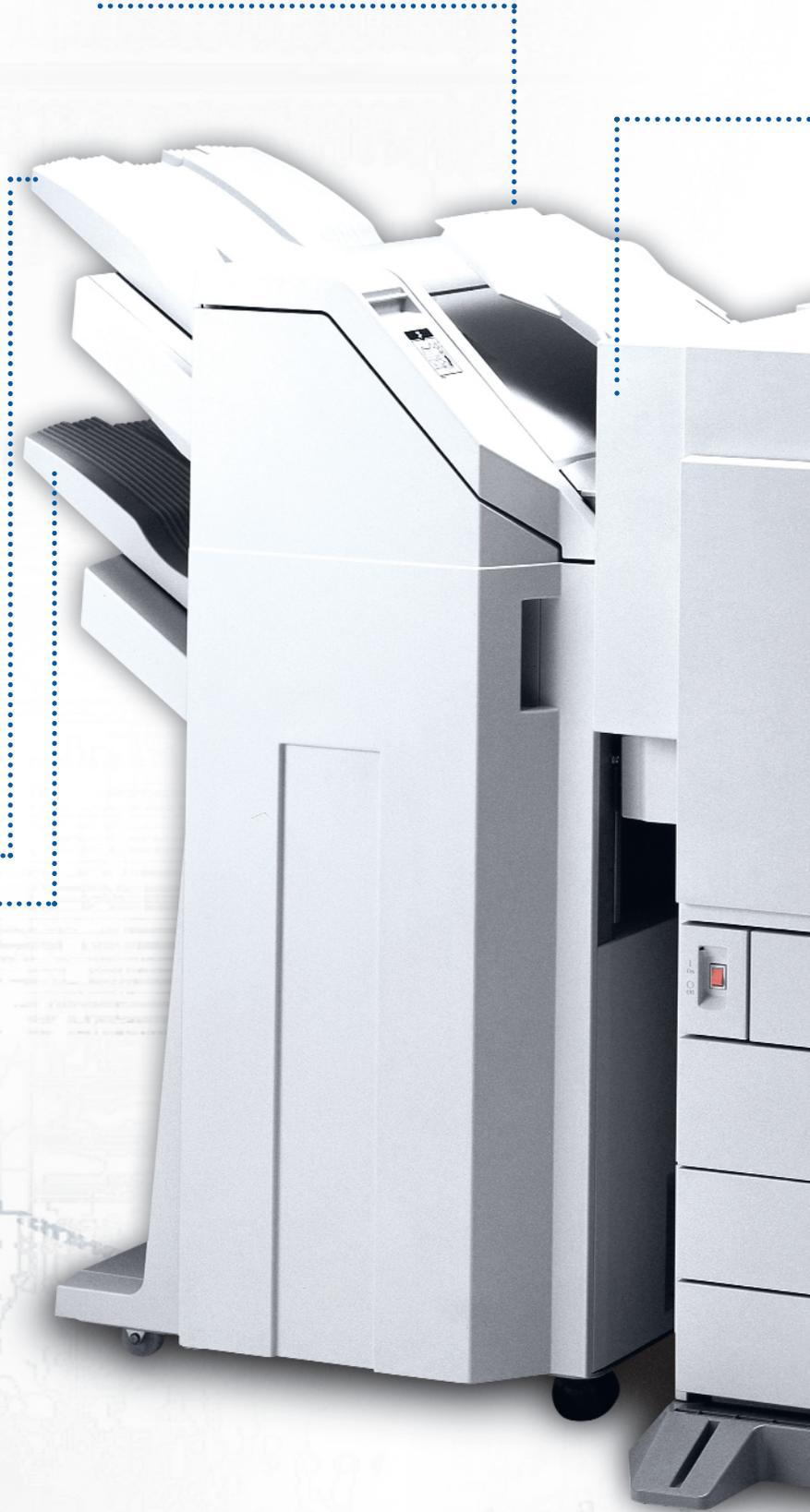
Bringing Color Document
Printing to Your Business

Get the Output You Need From Your Choice of Accessories

Standard face-up
output tray

Optional 2,500-sheet finisher

- 500-sheet job offset stacking
- 2,000-sheet stapling/punching



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THE RICOH AFICIO

AP3800C

Duplex Unit



Optional 4-bin mailbox

(Cannot be simultaneously installed with finisher)

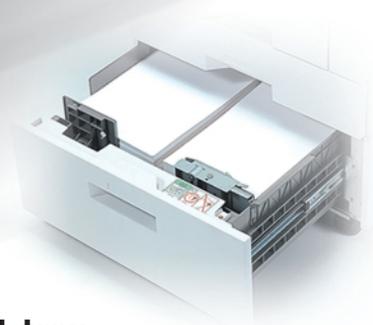


Standard 100-sheet bypass tray



Standard 500-sheet x 2 input trays

500-sheet x 2 input tray or 2,000-sheet large capacity tray



OR

500-sheet x 1 input tray

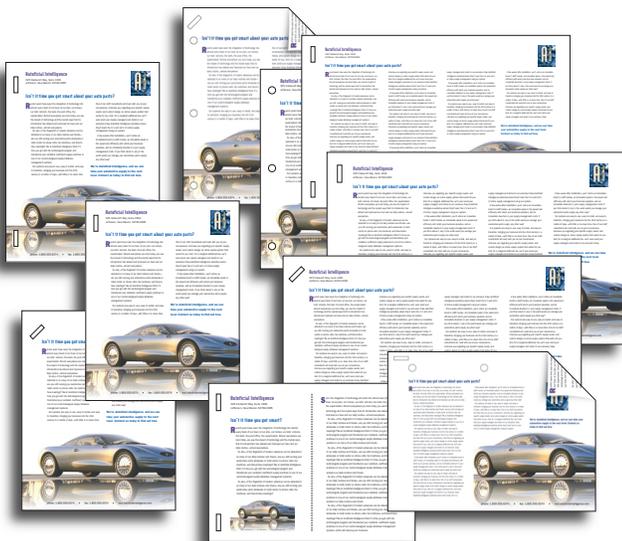
(Not shown)

Refer to the configuration page for more information.

Redefining Paper Handling and Finishing Diversity

High speed printing may be enough of an advantage for some, but the AP3800C goes the additional distance with its flexibility in paper handling and document finishing, previously unheard of for any laser printer in this class.

- The AP3800C sets a new standard with many productive and time saving paper handling options. The ample **1,100-sheet standard paper capacity** can be extended to **3,100 sheets with the Large Capacity Tray**, reducing production interruptions for constant paper loading.
- The AP3800C prints **various kinds of special media and paper types**, which include 90 lb. index and cover stocks to transparencies, business cards and labels.
- **Automatic duplex printing** makes economical sense and is environmentally sound as it reduces cost and paper usage.
- Completely finished documents are virtually a mouse click away with the AP3800C's **optional Finisher**. Whether it is **sorting and stapling, or hole punching** (optional), the AP3800C delivers printed documents ready for distribution.



Finishing Options

The AP3800C's wide array of finishing capabilities



Print a wide range of applications, from newsletters to stationery, all at the click of a mouse.

Application Options

Easy System Integration Out of the Box

Not only does the AP3800C deliver in performance and capabilities, but it also can seamlessly fit into the office environment with its built-in connectivity. Furthermore, the AP3800C has three page description languages, allowing users to use a printing workflow that they are most familiar with and reducing the learning curve.

- **Standard PCL5c emulation, Adobe PostScript 3, and Ricoh's RPCS** (Refined Printing Command Stream, a Windows optimized PDL) ensure compatibility and the fastest throughput speed.
- The AP3800C provides virtually transparent network integration with **multiple protocols** such as TCP/IP, IPX/SPX, NetBEUI, and AppleTalk. Windows®, NetWare®, Unix, and Apple Macintosh environments are also supported.
- **Internet Printing Protocol (IPP)** enables you to print remotely to the AP3800C from any desktop location.
- Ricoh's **SmartNetMonitor** printer utility lets you monitor the printer status of the AP3800C or any networked Ricoh printing device. It features **Recovery Printing**, which can automatically switch your job to another networked printer if necessary (with PCL5c or RPCS drivers). The handy **Job End Notification** feature alerts users when their print job is completed.

And more features...

- The secure **Locked Print** feature (with installation of the HDD) lets users suspend printing until they key in a personal password at the AP3800C console. This prevents unauthorized personnel to pick-up or view confidential documents.
- **Sample Print** (with installation of the HDD), users can first proof a single copy of a document, and then request the remaining sets to be printed from the AP3800C console. This eliminates wasted prints and effort as users review a single document before committing to multiple sets.

AP3800C

	AP3800C (#400577)	AP3800C D (#400761)	AP3800C DT1 (#400762)	AP3800C DT2 (#400763)	AP3800C DL (#400764)
					
Paper Input	500-sheet x 2 trays	500-sheet x 2 trays	500-sheet x 3 trays	500-sheet x 4 trays	500-sheet x 2 trays & 2,000-sheet tray
Duplex	Option (#400774)	Standard	Standard	Standard	Standard
RAM	64MB	192MB	192MB	192MB	192MB
HDD	Option (#400778)	Standard	Standard	Standard	Standard
Paper Handling Options	<ul style="list-style-type: none"> • Either 500 x 1, 500 x 2 or 2,000 input tray • Duplex • Finisher or 4-bin mailbox 	<ul style="list-style-type: none"> • Either 500 x 1, 500 x 2 or 2,000 input tray • Finisher or 4-bin mailbox 	<ul style="list-style-type: none"> • Finisher or 4-bin mailbox 	<ul style="list-style-type: none"> • Finisher or 4-bin mailbox 	<ul style="list-style-type: none"> • Finisher or 4-bin mailbox

Optional Paper Handling Accessories

Paper Input Options 500 sheets x 1 tray (Part #400775), 500 sheets x 2 trays (Part #400776), 2000-sheet tray (Part #400777)
 Either Paper Feed Unit Type 3800 (500x1), (500x2) or PS470 must be selected.

Finisher SR770 (Part #400542)

Paper Size/Type: Plain paper, with sizes supported through standard trays
Paper Weight: 16 to 28 lb. Bond
Stack Capacity: Lower Staple Tray: 2,000 sheets (8 1/2" x 11", 20 lb.), or 750 sheets (11" x 17", 20 lb.)
 Upper Tray: 500 sheets (8 1/2" x 11", 20 lb.), or 250 sheets (11" x 17", 20 lb.)
Staple Capacity: 50 sheets (8 1/2" x 11", 20 lb.), or 30 sheets (11" x 17", 20 lb.)
Staple Paper Size: 8 1/2" x 11", 8 1/2" x 14", 11" x 17", A4, A3
Staple Paper Weight: 17 to 23 lb. Bond
 Cannot be simultaneously installed with Mailbox.
 Duplex unit and either HDD or minimum 192MB memory must be selected.
 Also, either Paper Input options (500x1, 500x2 or 2,000 sheets) must be selected.

Punch Kit Type 1045 Option for the Finisher SR770 (Part #410785)

Number of Holes: Two or Three
Paper Size: 8 1/2" x 11", 11" x 17", A4, A3
Paper Weight: 16 to 28 lb. Bond

4-bin Mailbox Type 3800C (Part #400546)

Paper Size/Type: Plain paper, with sizes supported through standard trays
Paper Weight: 16 to 28 lb. Bond
Stack Capacity: 125 sheets per bin
 Cannot be simultaneously installed with Finisher.



The AP3800C

Bringing Color Document Printing to Your Business

THE RICOH AFICIO
AP3800C
 COLOR PRINTER

General Specifications

Configuration:	Desktop
Technology:	Laser beam scanning, electro-photographic printing and dual component toner development
Resolution:	True 1200 x 1200 dpi, 1200 x 600 dpi, 600 x 600 dpi
Printing Speed:	Plain Paper (8.5"x11"): 28 ppm full-color, 38 ppm black & white @ 1200 x 600 or 600 x 600dpi; 14 ppm full color, 28 ppm black & white @ 1200 x 1200dpi Thick Paper/Transparencies: 10 ppm full color/black & white Duplex/Stapling/Punching: Same as the simplex printing speed
First Print Speed:	Less than 12 seconds full color; less than 9 seconds black & white
Dimensions (WxDxH):	AP3800C: 22.7" x 26.7" x 28.2"; AP3800C D: 26.2" x 26.7" x 28.2" AP3800C DT1: 26.2" x 26.7" x 34.3"; AP3800C DT2/DL: 26.2" x 26.7" x 38.2"
Weight:	AP3800C: 181 lb.; AP3800C D: 199 lb. AP3800C DT1: 238 lb.; AP3800C DT2/DL: 254 lb.
Input Capacity:	Bypass Tray: 100 sheets (standard on all models) AP3800C/D: 500 sheets x 2 AP3800C DT1: 500 sheets x 3 AP3800C DT2: 500 sheets x 4 AP3800C DL: 500 sheets x 2 plus 2,000 sheets Up to 3,100 sheet total capacity
Output Capacity:	Standard: 500 sheets, plus 100 sheet Face-Up output tray Optional 4-Bin Mailbox: 125 sheets x 4 bins Optional Finisher: 2,500 sheets
Paper Sizes:	Trays: 8 1/2" x 11", 8 1/2" x 14", 11" x 17", 7 1/4" x 10 1/2", 8" x 13", 8 1/2" x 13", 8 1/4" x 13", A5, A4, A3 Bypass tray: Width 4.0" to 12.0"; Length 5.8" to 18.0" (including 11" x 17" full bleed)
Paper Weight:	Trays: 16 to 28 lb. Bond Bypass tray: 16 lb. Bond to 90 lb. Index
Paper Types:	Plain paper Laser printer-qualified Transparencies, Card Stock, Labels— Bypass tray and Face-Up output tray only For recommended media, consult your Ricoh representative
Duplex Printing:	AP3800C: Optional; Others: Standard
Power Consumption:	1,200W or less Energy Star Mode: 45W or less
Warm-up Time:	Less than 120 seconds

Controller Specifications

CPU:	RM7000 250MHz
Printer Languages:	PCL5c emulation, Adobe PostScript 3 and RPCS (Refined Printing Command Stream, Windows optimized PDL)
Fonts:	For PCL - 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap font For PS - 136 Adobe Type 1 fonts
Memory:	64MB RAM (AP3800C); expansion up to 384MB
Interface:	Bi-directional IEEE 1284-compliant parallel and 10/100BaseTX Ethernet
Optional Interface:	IEEE 1394
Network Protocols:	TCP/IP, IPX/SPX (NetWare 3.x, 4.x, 5.x), EtherTalk, NetBEUI and IPP (Internet Printing Protocol)
Other Supported:	Unix (lpr/lpd): Sun Solaris 2.5 / 2.6 / 7 / 8, HP-UX 10 / 11, SCO Open Server 5, IBM AIX 4.3, Free BSD, Linux For Unix support, visit www.ricoh-usa.com/download
Management Utility:	SmartNetMonitor, Web Status Monitor, Print Utility for Mac
Driver:	PCL5c: Win 95 / 98 / Me / NT4.0 / 2000 PS: Win 95 / 98 / Me / NT4.0 / 2000, Mac 7.6.1 or Later RPCS: Win 95 / 98 / Me / NT4.0 / 2000

Controller Options

20 GB Hard Disk Drive	(Part #400778)
HDD is necessary for the Locked Print (Secure Printing), Sample Print and permanent font downloading. Either HDD or total 192MB memory is necessary for the Finisher and RIP Once and Print Many function.	
IEEE 1394 Interface Board Type 1045	(Part #410716)
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 Requirements:	Windows 2000 Professional / Server with Service Pack 1 Minimum 128MB memory is required.

Memory Options:

144-pin DIMM; SDRAM (PC100 compliant)
 64MB (Part #000829MIU), 128MB (Part #001025MIU), 256MB (Part #001103MIU)

Supplies Yields are based upon 5% letter size

- Black Toner (Part #888030) @ Approx. 20,000 pages
- Cyan Toner (Part #888037) @ Approx. 10,000 pages
- Magenta Toner (Part #888036) @ Approx. 10,000 pages
- Yellow Toner (Part #888035) @ Approx. 10,000 pages
- Black Image Drum (Part #400548)
- Color Image Drums (Part #400594)
- Black Development Unit (Part #400661)
- Color Development Units (Part #400595)
- Waste Toner Bottle (Part #400662)
- Fusing Unit (Part #400596)
- Oil Supply Unit (Part #400549)
- Paper Feed Rollers (Part #400576)
- Staple Set Cartridge Type K (Part #410801) @ 5,000 shots
- Staple Refills Type K (Part #410802) @ 5,000 x 3 shots

Specifications and external appearances are subject to change without notice. For maximum performance and yield, 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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Image Communication

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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.



Ricoh Company, Ltd. has been granted a certificate of ISO 9001, which is the International Standard for Quality Systems.

