TECHNOLOGY

PORTAL

Aficio® AP3800CMF with PCSM Integration

Want to know how much you're really paying for prints and copies?

Need accurate page counts for resource allocation?

Wish you could secure your print jobs before you print?

INPUT

- Track all copy, scans and print jobs sent to network printers with PageCounter and Integrated Plug-in

- Secure from unauthorized usage with PageCounter and Integrated Plug-in

- Color or monochrome scanning with selectable resolution

- Full duplex scanning up to 11" x 17" paper with Automatic Reversing Document Feeder

MANAGEMENT

- Manage color and black & white output, simplex and duplex output and finishing

- Bill back users, departments, projects, matter and clients with Pro-Client Billing

- Control network output with PIN number or swipe cards

- Server based management with Remote Administration

- Complete analysis with Analysis Utilities

OUTPUT

- Ensure document security with Secure Document Release and PageCounter or Integrated Plug-in

- Schedule reports to run automatically via hard copy or e-mail

- System meter reads for connected Aficio stems with Aficio Counter Manager

- Track desktop printers with Desktop Print Monitor

- High speed output:
  – 28 PPM full color printing
  – 38 PPM monochrome printing
  – Print mixed color and monochrome documents

AP3800CMF

Enterprise Solutions

THE RICOH AFICIO
AP3800CMF

General Specifications (EDP 400825)

Copy Function

Process:	Laser beam scanning, electro-photographic printing and dual component toner development
Originals:	Sheet / Book / Object
Scanning Area:	Max. 11" x 17"
Resolution:	Input: 600 dpi / 8 bits
	Output: 600 dpi / 2 bits
Gradation:	256 gradations
Copy Size:	Max. 11" x 17" (full-bleed on 12" x 18")
Paper Sizes:	Standard Trays: 8.5" x 11", 8.5" x 14", 11" x 17", 7.25" x 10.5", 8" x 13", 8.25" x 13", 8.5" x 13", A5, A4, A3
	Bypass Tray: Width 4.0" to 12"; Length 5.8" to 18"
Warm-Up Time:	Less than 120 seconds
First Copy Speed:	Monochrome: 8 sec. (Letter-size, 1st Tray)
	Color: 10 sec. (Letter-size, 1st Tray)
Copy Speed:	Normal Mode (600 x 600 dpi)
	38 cpm (b/w), 28 cpm (full color)
	OHP/Thick Paper Mode
	10 cpm (b/w), 10 cpm (full color)
Multiple Copying:	Up to 99
Input Paper Capacity:	100-sheet Bypass Tray
	500-sheet Paper Tray x 3
Output Paper Capacity:	Standard: 500 sheets plus 100 sheet Face-up Tray
	Optional Multi-bin: 350 sheets
	Optional Finisher: 2,500 sheets
Paper Weight:	Trays: 16 to 28 lb. bond
	Bypass Tray: 16 lb. bond to 90 lb. index
Paper Type:	Plain paper, laser printer qualified transparencies, cardstock, labels
Reproduction Ratios:	6 Reductions, 5 enlargements (400%, 200%, 155%, 129%, 121%, 100%, 85%, 78%, 73%, 65%, 50%, 25%)
Zoom:	From 25% to 400% in 1% Steps
Auto Duplex Copy:	Standard
Duty Cycle:	200,000
Memory:	192 MB RAM; 384 MB max.
Memory Type:	144 pin DIMM; SDRAM (PC100 compliant)
Hard Disk Drive:	40 GB

Advanced Copy Features

Color Selections:	Full Color; Black & White; Single Color; Twin Color
Single Color:	Preset Color Pallet: 12 colors with 4 levels of density selection
	User Color Memory: 15 colors
Twin Color:	Black + One Single Color
	Black + Red
Original Selection:	Auto Text and Photo Separation Mode; Photo Mode (includes selection of Press Print, Glossy Photo, or 2nd Generation Modes); Text Mode; Map Mode; Second Generation Mode; Pale Mode
Image Density Adjustment:	Auto/Manual (9 steps)
Reduce/Enlarge:	Auto Magnification Selection; Directional Magnification
Image Rotation:	90° rotation
Shift/Erase Image:	Centering; Margin Adjustment;, Erasing Center; Erasing Border; Erasing Center / Border
OHP Slip Sheet:	Yes
Image Color Adjustment:	Auto Color Calibration; Color Balance; Color Separation; Sharp/Soft; Contrast; Background Density Control; UCR; Auto Text and Photo Separation
Proof Copy:	Yes
Operation Panel:	Monochrome LCD

Scanning Features

Resolution:	Up to 600 dpi (default setting at 200 dpi)
First Scanning Speed:	Less than 6 seconds
Drivers:	Network Twain version 1.7 or later
Scanning Utility:	ScanRouter Lite

Printer Features

CPU:	RM7000 300MHz
Printer Languages:	PCL 5c emulation, Adobe PostScript 3, Ricoh RPCS
Resolution:	True 1,200 x 1,200 dpi; 1,200 x 600 dpi; 600 x 600 dpi
Fonts:	For PCL - 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap Font
	For PS – 136 Adobe Type 1 Fonts
Interface:	10/100 BaseTX Ethernet and Bi-directional IEEE 1284-compliant parallel
Optional Interface:	IEEE 1394
Network Protocols:	TCP/IP, IPX/SPX (NetWare 3.x, 4.x, 5.x), EtherTalk, NetBEUI, and IPP (Internet Printing Protocol)
Utilities:	DeskTopBinder Lite, SmartNetMonitor
Drivers:	PCL5c: Win 95 / 98 / Me / NT4.0 / 2000 / XP
	PS: Win 95 / 98 / Me / NT4.0 / 2000 / XP, Mac 7.6.1 or later
	RPCS: Win 95 / 98 / Me / NT4.0 / 2000 / XP

Physical Specifications

Dimensions (W x D x H):	28.8" x 30.4" x 51.3"
Weight:	271.1 lbs.
Power Requirements:	120V 12A, 60Hz
Power Consumption:	1,440W or less

Optional Accessories

Type 3800C Facsimile (EDP 400557)

Type:	G3 Transceiver
Optional Second Line:	G3 (EDP 400560)
	G4 (EDP 400562)
Circuit:	PSTN, PBX, optional ISDN
Resolution:	200 x 200 dpi; 200 x 100 dpi
Scanning Speed:	approx. 0.7 seconds/page
Modem Speed:	33,600 bps - 2,400 bps with automatic shiftdown
Transmission Speed:	3.0 seconds
Compression Method:	MH / MR / MMR (JBIG optional)
SAF Memory:	2 MB; Optional 32 MB

Automatic Reversing Document Feeder DF73 (EDP 400554)

Original Size	8.5" x 11" to 11" x 17"
Original Weight	16 to 32 lb.
Stack Capacity	80 sheets (20 lb. bond)
Speed	Scanning: 30 spm monochrome; 20 spm full color with HDD at 200 dpi Copying: 38 spm monochrome; 28 spm full color
	Note: Either ARDF or Platen Cover must be selected

Platen Cover Type 3800C (EDP 400571)

Note: Either ARDF or Platen Cover must be selected

PT460 Multi-bin (EDP 400568)

Number of bins:	2
Paper Size:	5.5" x 8.5" to 11" x 17"
Paper Weight:	16 to 28 lb.
Stack Capacity:	Tray 1 100 sheets 20 lb. bond
	Tray 2 250 sheets 20 lb. bond (8.5" x 11")
	100 sheets 20 lb. bond (8.5" x 14"/11" x 17")
	Note: Cannot be installed simultaneously with SR770 Finisher

SR770 Finisher (EDP 400542)

Upper Tray	Paper Sizes:	8.5" x 11" to 11" x 17"
	Paper Weight:	16 to 28 lb. bond
	Stack Capacity:	500 sheets (8.5" x 11")
		250 sheets (8.5" x 14"/11" x 17")
		Note: Cannot be installed simultaneously with PT460 Multi-bin
Lower Tray	Paper Sizes:	8.5" x 11" to 11" x 17"
	Paper Weight:	16 to 28 lb. bond
	Stack Capacity:	2,000 sheets (5.5" x 8.5" to 8.5 x 11)
		750 sheets (11" x 17")
Staple Capacity:		50 sheets (8.5" x 11", 20 lb. or 30 sheets (11" x 17", 20 lb.)
Staple Paper Size:		8.5" x 11", 8.5" x 14", 11" x 17"
Staple Paper Weight:		17 to 23 lb. bond
Number of Staples:		5,000/cartridge

Punch Kit Type 1045 (EDP 410785)

Number of Holes:	Two or Three
Paper Size:	8.5" x 11", 11" x 17", A4, A3
Paper Weights:	16 to 28 lb. bond
	Note: Punch is compatible with SR770 Finisher only

IEEE 1394 Interface Board Type 1045 (EDP 410716)

Included Cables:	2.0m 6pin to 6pin cable, 2.0m 6pin to 4pin cable
Hardware Specifications:	6pins; 2 ports available
Data Transmission Speed:	100/200/400 Mbps
System Requirements:	Windows 2000 Professional / Server with Service Pack 1
	Minimum 128 MB memory is required.

Memory Options:

144-pin DIMM; SDRAM (PC100 compliant)
128 MB (EDP 001025MIU), 256 MB (EDP 001103MIU)

Supplies (Yields based upon 5% coverage on letter sized page)

Black Toner (EDP 888030) @ Approx. 20,000 pages
Cyan Toner (EDP888037) @ Approx. 10,000 pages
Magenta Toner (EDP 888036) @ Approx. 10,000 pages
Yellow Toner (EDP 888035) @ Approx. 10,000 pages
Black Image Drum (EDP 400548)
Color Image Drums (EDP 400594)
Black Development Unit (EDP 400661)
Color Development Units (EDP 400595)
Waste Toner Bottle (EDP 400662)
Fusing Unit (EDP 400596)
Oil Supply Unit (EDP 400549)
Paper Feed Rollers (EDP 400576)
Staple Set Cartridge Type K (EDP 410801) @ 5,000 shots
Staple Refills Type K (EDP 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.

EPA 2000 Office Products Partner of the Year (5th consecutive year)
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