Aficio Color®

3506

THE RICOH office color
series

digital color imaging system

RICOH®

accelerate business productivity with top black & white and color imaging

The innovative Ricoh Aficio Color® 3506 is the single, simple digital workgroup solution that speeds color and black & white productivity for your business. Forget the high cost of a separate copier and laser printer! RICOH®, an office automation leader for over 60 years & digital engineering forerunner for nearly 20, has made multi-functionality a reality with this advanced digital imaging system: a superior full-color copier to dramatize all your documents; a high-performance black & white copier for tough everyday demands; a first-rate color/black & white laser printer for stream-lined workgroup connectivity.

Productivity soars with the Aficio Color 3506: performance is swift, seamless and effortless, whether you're copying multiple sets of a report, printing a download from the Internet, or creating professional-quality overhead transparencies. The Aficio Color 3506 offers Scan Once, Print Many, which results in black & white output of 25 cpm.

COVER STOCK

TRANSPARENCY

You can output to a variety of media, whether you need a cover stock (up to 90 lb. index) for your report or a OHP transparency for your meeting.

PRINT FULL-BLEED 11" x 17"

With the introduction of the Aficio Color 3506, your business can now produce full-bleed 11" x 17" documents when you print onto 12" x 18" paperstock.

Exceptional Throughput Capabilities: From more paper sizes to more paper stocks, we give you a wide range of options to suit your every need. Not every copier, and not many laser printers–color ones especially–can claim the same.

With the Aficio Color 3506, you can copy onto OHP transparencies for an upcoming presentation or 90 lb. index stock for report covers and inserts (utilizing the bypass tray), or even onto recycled paper to help comply with environmental concerns.

You can create professionally-finished newsletters, ad spreads or catalogs right in the office with the Aficio Color 3506. It allows you to **reproduce 11" x 17" full bleed copies/prints onto 12" x 18" paper,** enhancing your in-house productivity .

Flexible Output/finishing Options from Start to Finish: The Aficio Color 3506 offers productivity-boosting **Face Down Printing** (on the optional 3-Bin Sorter), so users of both the copier and printing functions on the network can run jobs in unison and never encounter output confusion.

The Aficio Color 3506 offers a host of flexible options and advanced finishing features so your office can perform print-shop-quality work–from making **multiple copy sets of full-color reports, all collated and stapled, to creating professional business documents and presentations–all within your reach!**

Utmost Connectivity Efficiency: With an **optional embedded print controller,** the Aficio Color 3506 **makes connectivity simpler than ever.**

The RC-210 Print Controller is a cost effective networking solution designed for printing general office color applications. The RC-210* is optimized to print Microsoft Windows applications, but will also support networked Macintosh computers. The RC-210 supports Ethernet 10/100BaseT and networking protocols including TCP/IP, IPX, NetBEUI and AppleTalk.

For complex color graphics requirements, the E-310* print controller delivers unsurpassed capability to handle the more difficult tasks.

18"

12"

quality

A wealth of advanced features, designed specifically to further productivity and versatility in the general office environment, makes any job easier with one-touch functioning. A mere press on the Aficio Color 3506 hard key panel with four-line display effortlessly accesses an array of functions:

➤ **Auto Color Selection:** conveniently detects whether the copy job should be completed in color or black & white.

➤ **Color Balance Adjustment:** alters/intensifies color choices as desired.

➤ **Color Conversion:** changes specified colors on your original to different colors on your copies.

➤ **Auto Paper Selection:** intelligently selects the correct paper tray to match originals being copied.

➤ **Auto Text/Photo Separation:** automatically adjusts to ensure sharp reproduction of both text lines and photos in the same document.

➤ **Cover Sheet Copy:** professionalizes documents by adding front and/or back covers with Auto Reverse Document Feeder (ARDF) option.

Compatible with most PC, Macintosh™ and network environments, the systems support Ethernet I0/100BaseT for the quickest connections to your network and is compatible with the most popular network protocols such as TCP/IP, IPX/SPX, etc. The E-310 Print Controller also offers Adobe® PostScript 3 processing and 136 embedded Adobe Type 1 fonts for unsurpassed versatility.

*Both Print Controller options require the installation of the Ricoh Type H Interface. The E-310 also requires the addition of the Operation Panel Type 310.

PRECISION REPRODUCTION...
THE QUALITY YOUR BUSINESS REQUIRES

Imagine what the benefits of superior digital technology could mean for your workgroup's productivity...

Exceptional image quality in copy or print mode. Crisp, clear 600 dpi print resolution with 256 gradation levels of color, for the ultimate in accuracy. True 8-bit printing resolution delivers an endless array of dynamic colors. Plus, Ricoh's advanced new engine and enhanced laser technology ensure maximum clarity, smoother gradation and seamless reproduction of maps, drawings, even photographs—in full color or black & white—without compromising text sharpness.

Ricoh's new, more concentrated, higher yield, easily replenishable toner and developer delivers more vibrant color reproduction.

Superb reproduction of an impressive variety of originals. Just place an original on the glass—whether a blueprint, dye sub, inkjet or laser output—and the intuitive Aficio Color 3506 ingeniously registers the original's characteristics to output the closest match possible.

Further perfect photo or photo and text imaging with:
➤ Photo Original & Printed Photo Mode
➤ Press Print Mode
➤ Glossy Photo Mode
➤ Laser Original
➤ 2nd Generation Original Mode

Or, select from one of three special original mode settings commonly used in today's busy offices:
➤ Map Mode
➤ Highlighter Pen Mode
➤ Inkjet Original Mode for three printer types

Obtain consistent color quality with Ricoh's reliable **Automatic Color Calibration system,** which intelligently adjusts the density per color. Now you can accurately render your corporate logo in-house to a near-exact color match on all important documents.

Pre-set selectable colors that can be conveniently customized to your liking. Program your preferences into memory, then return to them at any time and apply them to any document.

UNPARALLELED PRODUCTIVITY

Gone are the days when you had to choose between having color output or being productive. The Ricoh Office Color Series of Aficio Color Imaging Systems ranks at the **top of its class when it comes to full color and black & white performance,** delivering high productivity whether you're copying or printing!

➤ At 25 copies per minute, the Aficio Color 3506 ensures seamless black and white copying with a fast eight-second first copy speed; plus, it moves through full-color copies at a swift speed of 6 copies per minute.

An advanced **Double Page Transfer System** streamlines reproduction by enabling two page images to be made side by side on the drum, which means two consecutive pages can be copied/printed during one rotation.

RICOH®

THE RICOH OFFICE COLOR SERIES
MAKING COLOR WORK IN YOUR OFFICE.

Specifications

(EDP 405270)

Configuration	Console
Process	Dry Electrostatic Transfer System
Originals	Sheet/Book/Object
Original Size	Max. 11" x 17"/A3
Gradation	256 gradations
Copy Size	Max. 11" x 17"/A3 (full bleed on 12" x 18")
	Min. 5½" x 8½" (lengthwise)
Scan Resolution	600 dpi
Copy/Print Resolution	600 dpi
Paper Size	**Paper Tray Feed:**
	11" x 17", 8½" x 11", 8½" x 14", 8½" x 13",
	5½" x 8½" (lengthwise)
	Bypass Tray Feed:
	Max. 12" x 18"
	Min. 3.9" x 5.8" (lengthwise)
First Copy Speed	22 secs. (in full color), 8 secs. (in b/w)
Copy Speed	**Normal Mode:**
	6 cpm (in full color), 25 cpm (in b/w)
Multiple Copying	Up to 99 copies
Paper Capacity	2,050 sheets total (Paper Tray: 500 sheets + 3-Tray Bank: 500 each + Bypass Tray: 50 sheets)
Copy Paper Weight	**Paper Tray:** 17 - 28 lb.
	Bypass Tray: 14 lb. Bond to 90 lb. Index
Reproduction Ratio	5 enlargements, 7 reductions plus 100% (400%, 200% 155%, 129%, 121%, 93%, 85%, 78%, 73%, 65%, 50%, 25%)
Zoom	From 25% to 400% in 1% increments
Duplex Copy	Manual
Dimensions (WxDxH)	24.4" x 26.7" x 24.4"
	620mm x 680mm x 620mm
	excludes platen glass
Weight	231 lbs./105Kg
Power Source	120V, 12A, 60Hz
Maximum Power Consumption	Less than 1.5KvA
Operation Panel	Hard Key Type with b/w Guidance Display (4 x 20 characters)

Special Features

Color Selection	Auto Color Selection (ACS), Full Color, Black & White, Single Color, Twin Color
Copy Modes	Auto Text & Photo Separation Mode, Photo Mode, Text Mode, Special Original Mode,
	Photo Type Selection:
	Press Print Mode, Glossy Photo Mode, 2nd Generation Mode
	Special Original Mode:
	Map Mode, Highlighter Pen Mode, Inkjet Original Mode
Paper Selection	Auto Paper Selection (APS)
	Bypass Tray Modes: The following modes can be selected from bypass tray feeding: Normal Paper Mode, Thick Paper Mode, OHP Transparency Mode, Duplex Copy Backside Mode (normal paper), Duplex Copy Backside Mode (thick paper), Custom Size Paper Mode
Reduce/Enlarge	Auto Magnification Selection
	Directional Magnification
Shift/Erase/ Book Copy	Centering
	Margin Adjustment
	Book Copy
	Series Copy: with ADF
	Combine 2 Originals: with ADF
OHP Slip Sheet	Yes (blank paper only)
Cover Sheet	Yes
User Code	Yes (Max. 50 codes)
Auto Tray Switching	Yes
Color Creation	Color Conversion, Color Erase
Image Creation	Mirror, Positive/Negative
Image/Color Adjustment	9 options
Image Rotation	Yes

Options Specifications

DF64/ARDF (EDP 209969)

Original Size	11" x 17", 8½" x 14", 8½" x 11", 5½" x 8½"
Original Weight	**SADF/ADF Mode:** 11 lb. - 34 lb.
	Auto Reverse Mode: 14 lb. - 28 lb.
	Combine Originals Mode: 14 lb. - 34 lb.
Stack Capacity	50 sheets

ST10 10-Bin Sorter/Stapler (EDP 208921)

Number of Bins	10 bins + Proof Tray (Moving type)
Paper Size	Max. 11" x 17", Min. 5½" x 8½"
Paper Weight	14 - 43 lb.
Bin Capacity	**Sort Mode:** 30 sheets (letter size)
	Stack Mode: 25 sheets (letter size)
	Proof Tray: All sizes: 100 sheets
Stapling Capacity	**Number of pages:** 2–20 sheets (20 lb. bond)
	Position: One position (horizontal)
	Replenishment: Cartridge change (2,000 pieces/cartridge)

ST32 20-Bin Sorter/Stapler (EDP 405097)

Number of Bins	20 bins + Proof Tray (Moving Type)
Paper Size	Max. 12" x 18", Min. 5½" x 8½"
Paper Weight	14 - 43 lb.
Bin Capacity	**Sort Mode:** 30 sheets (letter size)
	Stack Mode: 25 sheets (letter size)
	Proof Tray: All sizes, 100 sheets
Stacking Capacity	**Number of pages:**
	2 - 30 sheets (20 lb. bond)
	Position: One position (horizontal or 35° by manual)
	Replenishment: Cartridge change (2,000 pieces/cartridge)

CS160 3-Bin Sorter (EDP 405101)

Number of Bins	3 bins + Auto Reverse Tray
Paper Size	Max. 12" x 18", Min. 5½" x 8½"
Paper Weight	**1st Tray:** 14 - 42 lb.
	2nd & 3rd Trays: 14 - 28 lb.
	Face Down Printing: 17 - 28 lb.
Bin Capacity	**1st Tray:** 500 sheets with 8½" x 11" (20 lb. bond)
	250 sheets with 11" x 17" (20 lb. bond)
	2nd & 3rd Trays: 250 sheets with 8½" x 11" (20 lb. bond)
	125 sheets with 11" x 17" (20 lb. bond)

PS390 3-Tray Paper Bank (EDP 405109)

Number of Trays	500 sheet tray x 3 (34 lb.)
Paper Size	Max. 11" x 17", Min. 5½" x 8½"
Paper Weight	17 - 28 lb.

PS380 2-Tray Paper Bank (EDP 405105)

Number of Trays	500 sheet tray x 2 (24 lb.)
Paper Size	Max. 11" x 17", Min. 5½" x 8½"
Paper Weight	17 - 28 lb.

FAC13 Two Door Cabinet (EDP 410825)

Storage cabinet and pedestal for the Aficio Color 3506

Specifications for Optional Connectivity Solutions From Ricoh

E-310 (EDP 405317)

Embedded color controller for graphics intensive printing applications.

Processor	Intel Celeron 366MHz
RAM	128MB standard
	256MB maximum
Hard Disk Drive	8.4GB
Interface	RJ45 for Ethernet 10/100BaseT
PDL	Adobe PostScript 3
Network protocol	AppleTalk, TCP/IP, Novell IPX (autoswitching)
Printer Utilities	Aficio Manager, Fiery Utilities
Print Resolution	600 dpi

RC-210 (EDP 405266)

Cost effective embedded color controller for use in general office color applications in Windows environment.

Processor	QED5261 200MHz
RAM	64MB standard
	192MB maximum
Interface	Parallel Port, IEEE 1284B, RJ45 for Ethernet 10/100BaseT
PDL	IPDL-C and Ricoh-Script2
Network protocol	TCP/IP, Novell IPX, NetBEUI, AppleTalk (with Ricoh-Script2 autoswitching)
Printer Utilities	Aficio Manager, PortNavi, Multidirect Print, and Web Status Monitor
Print Resolution	600 dpi

Type H Interface Kit* (EDP 405287)

*Required option for either the E-310 or RC-210 Print Controller

Operational Panel Type 310* (EDP 405315)

*Required for E-310 Print Controller only

The Ricoh Office Color Series Digital Imaging System. Making Color Work In Your Office

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Image Communication

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