Multifunctional Strength & Colour on Demand

Afício™ 3228C/3235C/3245C

The Economy of Black and White
& the Power of Colour

Today's business world is increasingly tough and pressure is on the rise. Reports have to be ready instantly, presentations need to be professionally finished and documents distributed immediately. To cope with these increasing demands, your productivity needs a boost. Ricoh, the trendsetter in sophisticated multifunctionality, presents the Aficio™3228C/3235C/3245C: high performance document managers that will put you in the lead. These systems come with versatile finishing, cost effective faxing, 'scan to e-mail' via LDAP and document management functionalities. And they offer a touch of colour to make your reports easier to read and your proposals more attractive. The benefits of colour without sacrificing the economy of black and white. Combine these amazing strengths and you obtain a system that will make you stand out and break through office productivity barriers!

The Tools
that Put You in Control

To meet the ever growing challenges your office faces, you need a productive and versatile companion. The Aficio™3228C/3235C/3245C offer you the walk-up simplicity and high performance of a digital black and white system together with today's most crucial impact feature: colour. Experience and innovation combined.

The Power of Colour

Enhance the overall impact of documents using colour and gain a competitive edge. Presentations, mailings, newsletters, spreadsheets… they all become more recognisable, attractive and readable. More concrete: colour communicates 70% faster than black and white!*

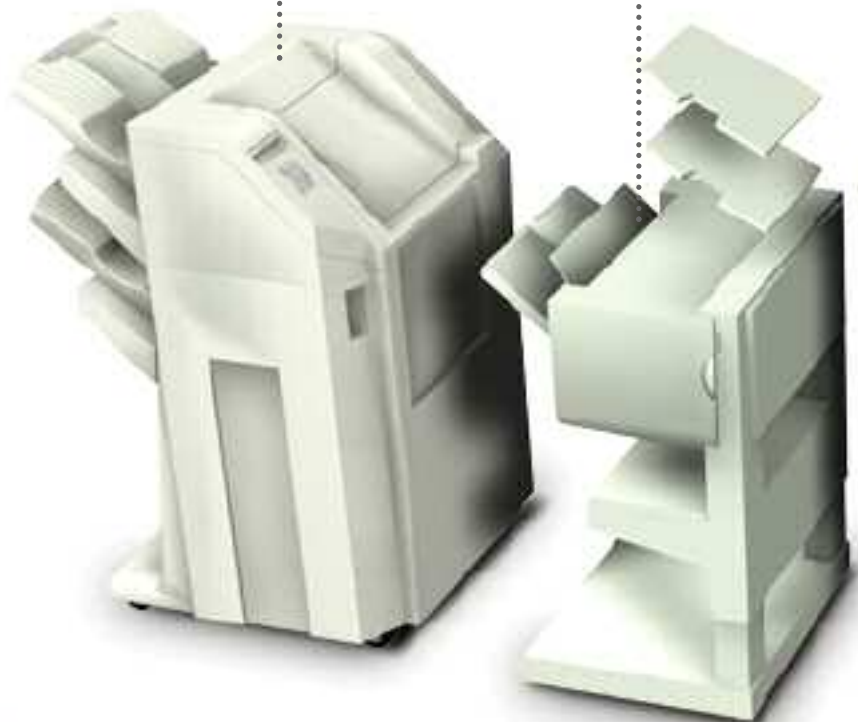* *Color for Impact* by Jan V. White

Versatile Finishing & Booklet Creation

The choice is yours for professional finishing: the 2,000-sheet multi-tray finisher to staple and punch or the 1,000-sheet booklet finisher to create attractive teaching or presentation material.

Optimal Document Management

For streamlined document handling, all your print, copy, fax and scan data can be stored and managed using DeskTopBinder™ Lite. With Web Image Monitor you can retrieve stored data, view files and re-organise, change or delete them through a web browser anywhere, anytime.

500 s

500 s

2,000

Cut Paper & Costs

Reduce paper usage and you scale down costs while minimising the impact on the environment. With the tray-less auto duplex function you can produce unlimited double-sided output without the loss of speed.

Efficient Distribution

Distributing larger documents can be tedious.
The Aficio™3228C/3235C/3245C offer two efficient solutions:
- scan to e-mail:
  send scanned files to any e-mail address in the world and use
  LDAP to automatically access all company e-mail addresses.
- scan to folder:
  send larger documents to a client folder across the network.

SCAN TO FOLDER

SCAN TO E-MAIL

Fax Directly from your PC

With the LAN fax function, you can send fax messages directly
from your own networked PC. To reduce the distribution of
printed faxes, incoming faxes can be automatically forwarded
by e-mail. You can even receive faxes outside the office, via
your laptop.

Cost Saving Internet Faxing

Using the Internet for long distance faxing has major advantages.
By sending fax messages to PCs in e-mail format, you reduce costs
while enhancing your communication capabilities and document quality.

Advanced Device Monitoring

Using Web SmartDeviceMonitor™, the status of
networked peripherals can be monitored and checked
through web browsers. Additionally, IT managers and
network administrators can set user privileges, obtain
complete job statistics and restrict usage.

Straightforward & Compact

The Aficio™3228C/3235C/3245C combine a variety of capabilities yet remain
as compact and easy to use as your average black and white system.
Whether printing, copying, faxing or scanning, any user can easily perform
tasks using the large touch screen.

500 sheets

500 sheets

500 sheets

_The image on these pages is not a real photograph
and slight differences in detail might appear._

Our Earth, Our Tomorrow

The Aficio™3228C/3235C/3245C reflect Ricoh's commitment to
the environment through the usage of toxic free materials*.
Significant energy savings are also obtained thanks to advanced
new power saving modes (ready in 99 seconds from off mode
and 30 seconds recovery time from low power mode). These
systems, however, take it one step further by adopting the
industry's first polyester x polymerisation toner (PxP) which uses
less energy to produce particles than conventional toners. As a
result, carbon oxide emissions during the production process are
reduced by approximately 30%.

* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances,
  effective from July 2006).

Breakthrough Technologies Combined

Your office equipment has to be able to keep pace in your corporate department or busy workgroup. Meeting deadlines is the Aficio™3228C/3235C/3245C's strength. Whether printing, copying, scanning or faxing, these systems offer performance and efficiency without compromise. Add versatile network and software support and you will soon experience these systems help you do business more productively.

CONVENTIONAL TONER ←

→ PXP TONER

Thanks to its small and uniform toner particles, Ricoh's newly developed PxP toner assures excellent high quality.

Save Time & Costs

Designed to save time and costs, the multifunctional Aficio™3228C/3235C/3245C take over the workload of multiple dedicated devices. Next to offering excellent black and white functionalities, these systems provide you with the ultimate feature for today's offices: affordable colour. Colour output is no longer a luxury, it can be created in house on demand. With a reasonable purchase price and only one set of consumables, Total Cost of Ownership is competitive.

Accelerate your Business

More speed means more efficiency. Black and white documents are on your desk at 28/35/45 ppm, colour output at 24/28/35 ppm. A short warm up time and first output speed further reduce waiting time. Copying multi page documents or printing large files? The systems' maximum paper capacity of 3,100 sheets allows you to continue your work without refill interruptions while maintaining the same high quality. The newly developed PxP toner guarantees exactly that. Thanks to smaller and more uniform toner particles, image quality is sharper than when using conventional toner.

Safeguard Access & Information

To protect the interests of your work environment, the Aficio™3228C/3235C/3245C are equipped with advanced access limitation and security functionalities. Using your existing Windows® network login infrastructure, you can prevent unauthorised machine use and restrict colour usage. To avoid industrial spying and information leaks, Ricoh presents Data Overwrite Security Unit. This optional functionality erases the temporary data on the systems' Hard Disk Drive. Additionally, all data communication from and to the system can be encrypted.

Cost Effective Print Job Routing

Ideally, different print jobs should be routed to the most suitable print system: large, complex jobs to the central printer, smaller print jobs to the desktop device. doc-Q-route brings new levels of efficiency to your business printing. This solution automatically routes documents to the most appropriate device such as the Aficio™3228C/3235C/3245C allowing you to increase productivity and save costs.

Moving New Ideas Forward

By launching the Ricoh Developer Program™, Ricoh backs its mission to bring you 'solutions that fit'. One of the tools is Ricoh's Embedded Software Architecture™, an innovative Java™ (J2ME™) compatible software platform allowing the design of customised key applications for Ricoh MFPs and laser printers, including the Aficio™3228C/3235C/3245C. For more information, visit www.ricoh-developer.com.

Embedded Software Architecture™

Compatible software platform allowing the design of customised key applications.

Staying ahead in today's business world is not easy: colour gives you the power to do so!

Aficio™ 3228C/3235C/3245C

Specifications

COPIER

Copying process:	Laser beam scanning & electro photographic printing
Copy speed:	Black and white: 28/35/45 copies per minute
	Full colour: 24/28/35 copies per minute
Resolution:	600 dpi
Multiple copy:	Up to 999
Warm up time:	99 seconds
First output speed:	Aficio™3228C/3235C:
	Black and white: 8 seconds
	Full colour: 10 seconds
	Aficio™3245C: Black and white: 6 seconds
	Full colour: 8 seconds
Zoom:	25 - 400% (in 1% steps)
Memory:	Standard: 1,024 MB + 80 GB Hard Disk Drive
Paper input capacity:	Standard: 2 x 500-sheet trays
	1 x 100-sheet bypass tray
	Maximum: 3,100 sheets
Paper output capacity:	Maximum: 2,600 sheets
Paper size:	A6 - A3 (A3+ via bypass tray)
Paper weight:	Paper trays/duplex: 60 - 105 g/m²
	Bypass tray: 60 - 163 g/m²
Dimensions (W x D x H):	670 x 698 x 859 mm
Weight:	Less than 120 kg
Power source:	220 - 240 V, 50/60 Hz
Power consumption:	Operation: Maximum 1.68 kW
	Energy saver mode:
	Aficio™3228C: Less than 130 W
	Aficio™3235C/3245C: Less than 135 W

PRINTER

Print speed:	Black and white: 28/35/45 prints per minute
	Full colour: 24/28/35 prints per minute
Printer language:	Standard: PCL5c, PCL6, RPCS™
	Option: Adobe® PostScript® 3™
Resolution:	1,200 x 1,200 dpi
Interface:	Standard: USB 2.0
	Ethernet 10 base-T/100 base-TX
	Option: Bi-directional IEEE 1284
	FireWire (IEEE 1394)
	Wireless LAN (IEEE 802.11b)
	Bluetooth
Network protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk
Supported environments:	Windows® 95/98/Me/NT4.0/2000/XP
	Server 2003
	Novell® NetWare® 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6
	UNIX Sun® Solaris 2.6/7/8/9, HP-UX 10.20/11x/11iv1/11i
	SCO OpenServer 5.0.6
	RedHat® Linux 6.x/7.x/8.0/9/Enterprise
	IBM® AIX v4.3/5L v5.1/5L v5.2
	Macintosh 8.6 - 9.2.x (OS X Classic)
	Macintosh X v10.1 or later (native mode)

SCANNER

Scan speed:	Maximum 50 originals per minute (MH, A4)
Resolution:	600 dpi full colour
	(1,200 dpi TWAIN black and white, greyscale)
Original size:	A5 - A3
Output formats:	PDF/JPEG/TIFF
Bundled drivers:	Network, TWAIN
Scan to e-mail:	SMTP, TCP/IP
Destination addresses:	Maximum 500 per job
Stored destination addresses:	Maximum 2,000
Address book:	Via LDAP or locally on Hard Disk Drive
Scan to folder:	SMB or FTP protocol (with login security)
Destination:	Maximum 50 folders per job

SOFTWARE

SmartDeviceMonitor™, Web SmartDeviceMonitor™, Web Image Monitor, DeskTopBinder™ Lite, ScanRouter™ V2 Lite

FAX (option)

Circuit:	PSTN, PBX
Compatibility:	ITU-T (CCITT) G3
	ITU-T (T.37) Internet fax
	ITU-T (T.38) IP fax
Modem speed:	Maximum 33.6 Kbps
Resolution:	Standard/detail: 200 x 200/100 dpi
	Maximum: 400 x 400 dpi (option)
Compression method:	MH, MR, MMR, JBIG
Scanning speed:	Less than 1.1 seconds (200 x 100 dpi, A4)
Memory capacity:	Standard: 4 MB
	Maximum: 28 MB
Memory backup:	Yes

OTHER OPTIONS

- Platen cover
- 80-sheet Auto Reverse Document Feeder
- 1 x 500-sheet paper tray
- 2 x 500-sheet paper trays
- 2,000-sheet large capacity tray
- 350-sheet multi-bin tray
- 2,000-sheet multi-tray finisher
- 1,000-sheet booklet finisher
- Adobe® PostScript® 3™
- Bi-directional IEEE 1284
- FireWire (IEEE 1394)
- Wireless LAN (IEEE 802.11b)
- Bluetooth
- 2nd G3 port
- Professional software solutions

For availability of models, optional apparatus and software, please contact your local Ricoh representative.

RICOH
Image Communication

For more information, please contact:

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