



<p style="text-align: center;">Side-By-Side Product Compare</p>	 <p style="text-align: center;">Ricoh Aficio MP C4500</p>	 <p style="text-align: center;">Xerox WorkCentre 7345</p>
BACKGROUND INFORMATION		
Dataquest Segment	NA	NA
SRP/Street Price	\$17,250/Info not avail	\$15,795/Info not avail
Manufacturing Status	New	Newly manufactured
Domestic Intro Date	September 2006	April 2007
OEM	Ricoh (China)	Xerox
Also Sold As	Gestetner DSc545; Lanier LD445c; Savin C4540	None
Distributed By	Dealers, branches and subsidiaries	Direct sales and agents
Max Monthly Duty Cycle	200,000 impressions	135,000 impressions
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration/Scanner	Desktop,digital	Console,digital
Toner	Dry, dual component	Dry, dual component
GENERAL SPECIFICATIONS/PAPER HANDLING		
First Copy Time	6.5/3.9*	7.2 sec color/4.8 sec black
Multicopy (Ltr/Lgl/Ldgr)	40/45 cpm*	35 cpm color/45 cpm black
Warm-up Time	60 sec	45 sec
Std Paper Source(s)	Dual drawer	Four drawers
Std Paper Capacity	500/500 sheets	520/520/870/1,130 sheets or 520/520/520/520 sheets
Paper Weights	16 to 57 lbs, 120-lb index	17-lb bond to 80-lb cover
Bypass/Paper Weights	100-sheet/16-lb bond to 140-lb index	100-sheet/16-lb bond to 80-lb cover
Max Paper Sources	5	5
Max Paper Capacity	3,100 sheets	3,140 sheets
Max Original Size	11 x 17	11 x 17
Output Size (Min/Max)	3-1/2 x 5-4/5/12 x 18	4 x 5/12 x 18
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	1-GB RAM, 80-GB HD/1-GB RAM, 80-GB HD	1 GB, 40-GB HD/1 GB, 40-GB HD
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)
Duplex Capacity/Paper Sizes	Unlimited/5-1/2 x 8-1/2 to 12 x 18	Unlimited/5.5 x 8.5 to 11 x 17
Document Feeder	Std RADF	Std RADF
Doc Feeder Speed/Capacity	INA/100 orig	45 opm color, 50 opm black/75 orig
Paper Weights	11 to 34 lbs	16 to 32 lbs
Sorter (Bins/Capacity)	None	None
Staple Sorter	None	None
Bins/Stapling Capacity	Not applicable	Not applicable
Stapling Positions	Not applicable	Not applicable
Finisher	Opt finishers	Opt finishers
Tray/Stapling/Position(s)	1,250, 2,250, 3,250/50/5	1,000, 3,500, 1,500/50/3

Other	Opt 1,000-sht finisher (1,000/250); opt booklet finisher (2,000/250) V folds up to 15 sheets (60 pgs); opt paper bank (two 500-sheet drawers); opt 2,000-sheet LCT; opt 3,000-sheet finisher (3,000/250); 2-3-hole punch option avail for booklet finisher and 3,000-sheet finisher; std document server allows users to store documents on HD	Opt Office finisher has one tray (1,000 sheets); Advanced finisher has a 3,500-sheet stacker plus 500-sheet top tray and std hole punch; opt Professional finisher has a 1,500-sheet stacker plus 500-sheet top tray, saddle stitching up to 15 sheets (60 page booklets), std hole punch and V-folding (5 sheets); one of the following paper options must be chosen and is included in the list price above-- three-tray module that includes three 520-sheet drawers (total of 2,180 sheets) or high-capacity tandem tray which features one 520-sheet drawer, one 800-sheet drawer and one drawer with 1,200 sheets for a total capacity of 3,140 sheets
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Info not avail	Yes
MAC Address Filtering	Info not avail	Yes
HDD Overwrite	Opt	Opt
Max Overwrites	Info not avail	3
HDD Encryption	Yes	Yes
Secure Print	Yes	Yes
Other		Opt secure watermark; fax security; password protected PDF; encrypted scan to email; IPv6 support; audit log
CONTROL PANEL		
	Keypad and touch screen	Keypad and touch screen
Quantity Selector	1 to 999 (0 to 9 keypad)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	No	No
FEATURES		
Automatic Features	AES, AMS, APS, AS, ASO, ATS	AMS, APS, ATS
Book Copy	Yes	Yes
Booklet Mode	Std	Std
Color	Std	Std
Copy Control	500	1,000
Covers	Std	Std
Editing	Std	Std
Energy-Save	Yes	Yes
Erase	Std	Std
Image Insert	Yes	Yes
Image Overlay	No	Std
Image Repeat	Yes	Yes
Image Rotate	Std	Std
Interrupt	Yes	Yes
Job Build	Yes	Yes
Job Programs	10	Yes
Job Time	No	INA

Language	Std	Std
Margin Shift	Yes	Yes
Neg/Pos	Yes	Yes
OHP Interleaving	Yes	Yes
Photo Mode	Yes	Yes
Poster Mode	Yes	Yes
Preset R/E	7R, 5E	INA
Program Ahead	Std	Std
Sheet Insertion	No	Std
Stamping	Std	Std
Timer	No	Yes
2-in-1	Std	Std
XY Zoom	Yes	Yes
Zoom Range	25 to 400 (1%)	25 to 400 (1%)
Other Features	*Full-color/black and white; std Document Server stores 2,000 documents (9,000 pages per document) and shares 80-GB hard drive; Supports Ricoh's SDK/J Embedded Software Architecture; @Remote automated meter reading	Area designation; auto color selection; edge erase; auto centering; auto registration; mixed-sized originals; proof copy; six user programmable zoom ratios; sharpness; color balance; ID card copy;
ADDITIONAL INFORMATION		
Dimensions (HxWxD)	30" x 26" x 27"	44" x 53" x 25"
Weight	286.6 lbs	457 lbs
Power Requirements	120 V, 12 A	100-127 V, 12A
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	56 dB
COMMENTS	None	None
OPTIONS		
	2,000-sheet LCT (PB3010): \$1,461 Two-tray paper bank (PB3000): \$1,256 1,000-sheet finisher (SR790): \$1,410 2,000-sheet booklet finisher (SR3020): \$3,906 3,000-sheet finisher (SR3030): \$2,723 Cabinet stand (FAC33): \$195 Inner one-bin tray (BN3010): \$450 Bridge unit (BU3000): \$196 2-/3-hole punch unit for booklet finisher/3,000-sheet finisher: \$875	Three-tray module (1,560 sheets): \$800 High-capacity tandem tray (2,520 sheets): \$ not avail Office finisher (8R12915): \$2,000 Advanced finisher (8R12941): \$2,995 Professional finisher (8R12925): \$4,995
MAINTENANCE		
Fuser Rollers	Info not avail	SMart Kit Fuser Kit (008R13040)
Yield	Info not avail	150,000
Cleaning Blades	Info not avail	SMart Kit Waste Toner (008R12903)
Yield	Info not avail	30,000
Other	Info not avail	Not applicable
Yield	Info not avail	Not applicable
Fuser Oil	INA	Not required

PM Schedule	Info not avail	None set
SUPPLIES		
Photoconductor	Organic drum	Drum cartridges
Yield	80,000	26,000
Price	Incl in maint agree	\$ not avail
Toner	510g black/400g color	Ctrdg weights not avail
Yield	23,000 black/17,000 color	26,000 black/16,000 color
% Coverage	5%	5%
Price	Priced by dealer	\$158 black/\$216 color
Developer	Info not avail	Not applicable
Yield	Info not avail	Not applicable
Price	Priced by dealer	Not applicable
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Opt	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	No
Scanner	Std	Opt
CONNECTIVITY SPECIFICATIONS		
Operating System Support	Win 95, 98SE, NT4.0, 2000, Me, XP, Server 2003, Mac OS 8.6-9.2x; OS X 10.1+, UNIX, Linux	Win 2000, XP, Server 2003, Vista, Mac OS 10.3+, Linux, Citrix
Parallel Interface	Opt	Opt
PC Fax/Print/Scan	Yes/Yes/Yes	No/Yes/Yes
Serial Interface	None	None
PC Fax/Print/Scan	Not applicable	Not applicable
USB Interface	Std 2.0	Opt
PC Fax/Print/Scan	Yes/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet, opt wireless	Std Ethernet, 802.11b
Interface Type	10/100BaseTX, opt 802.11b, Bluetooth, IEEE 1394	10/100BaseT, wireless (3rd party adapters)
LAN Fax/Print/Scan	Yes/Yes/Yes	Opt/Yes/Yes
Networks Supported		
NetWare	Yes	Yes
Windows NT	Yes	Yes
AppleTalk	Yes	Yes
UNIX	Yes	INA
AS/400	INA	INA
Other		
FACSIMILE SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	400 x 400 dpi	600 x 600 dpi
Gray Scale/Halftones	256 levels	256 levels
Std/Max Fax Memory	4 MB/28 MB	Shared
Min/Max Orig Size (WxL)	5-1/2 x 8-1/2/11 x 17	5 x 7/11 x 17
Max Paper/Print Width	Info not avail	11/11

Effective Scanning Width	Info not avail	11
Correct-Order Output	Yes	Face up
Batch Files	To mem cap	To mem cap
Battery Backup	INA	Yes
Confid TX/RX	INA	Yes/Yes
Dual Lines	Yes	Opt
Multi Access	Yes	Yes
Polling	Yes	Yes
Relay Request	INA	Yes
Smoothing	Yes	Yes
Timers	No	Yes
Transfer Hub	INA	No
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/500	INA/INA
Redial (Attempts/Intervals)	Info not avail	0 to 14/1 to 25
One Touch	Info not avail	10
Speed Dial	2,000	200
Other	Fax forwarding to e-mail/folder; PC faxing; up to three additional G3 lines; opt SAF memory (32-MB SD-RAM)	200 mailboxes; fax-from-print driver; fax forward to email, FTP and SMB; 1200 x 1200 dpi enhanced resolution
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Ricoh/Aficio MP C4500	Xerox/WorkCentre 7345
Compatibility	IBM PC, Mac	IBM PC, Mac
Speed	40/45 ppm*	35 ppm color/45 ppm black
Max Print Area	12 x 18	12 x 19
Enhanced Resolution	2400 x 600 dpi	Not applicable
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Ricoh/Info not avail	Fuji Xerox/Controller
Processor/Bits/MHz	RM7935/Info not avail/835	INA/INA/667
PDL/PCL	PCL 5c/6, RPCS, opt Adobe PostScript	PCL 5c/6, Adobe PostScript 3
Controller Mfr/Model	Not applicable	Not applicable
Processor/Bits/MHz	Not applicable	Not applicable
PDL/PCL	Not applicable	Not applicable
Controller Mfr/Model	Not applicable	Not applicable
Processor/Bits/MHz	Not applicable	Not applicable
PDL/PCL	Not applicable	Not applicable
Other	PCL support 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap; PostScript supports 136 Adobe Type 1 Fonts (opt); PDF Direct Print (with Adobe PostScript option) allows printing of PDF file without opening application	Delay print; sample set; booklet creation; cover selection; multi-up; banner sheets; fit-to-size; transparency interleave; watermark; print calibration; N-up; draft mode; annotation; mirror image; e-mail print; Media Print option provides direct PDF, XPS, EXIF, JPEG file printing from USB drives or compact flash memory cards
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network

Technology/Speed	CCD/38, 63 ipm*	CCD/45 color ipm, 50 black ipm
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	Yes	Yes
LDAP Support	Yes	Yes
Scan/Image Software	Std DeskTopBinder	Std CentreWare Scanning Services
OCR Software	Std DeskTopBinder	Std OmniPage
File Mgmt Software	Std DeskTopBinder	Std PaperPort Pro
COMMENTS		
	<p>Photos can be printed directly from a digital camera without using a PC--USB host interface required for opt camera direct print card; std software includes SmartDeviceMonitor for Admin/Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder Lite, TWAIN driver, printer utility for Macintosh. Security: SNMP v3 authentication, data encryption, password protection, locked secure print, user authentication, Wi-Fi protect access support; opt DataOverwriteSecurity System (DOSS) enables hard drive overwriting; opt Copy Data Security Unit blacks out or embeds copies of prints with watermarks to deter illegal copying; 4-bit color depth copy/print</p>	<p>Incorporates Xerox's EIP (Extensible Interface Platform) which allows customizable software applications to run within the machine.</p>
CONNECTIVITY/MF OPTIONS		
	<p>PostScript unit type C4500: \$1,530 Bluetooth interface Type 3245: \$340 DataOverwrite Security System (DOSS) Type D: \$400 Copy Data Security Unit Type A: \$755 Fax option Type C4500: \$1,084 32-MB memory unit Type B: \$185 Add'l G3 interface unit Type C4500: \$666 Handset Type 1018: \$65 IEEE 802.11b wireless: \$375 IEEE 1284 interface Type A: \$99 IEEE 1394 interface: \$475 Camera direct print card Type A: \$211 Scanner accessibility option Type 4045: \$1,594</p>	<p>Single-line fax kit with IFAX: \$995 Three-line fax kit with IFAX: \$1,495 Scan kit: \$1,400 Thumbnail preview kit: \$795 USB/Parallel print kit: \$495 Network fax server: \$795 Foreign device interface: \$349 Secure watermark: \$795 Scan to PC Desktop SE/Pro (25 users): \$1,195/\$4,195 Media print card reader: \$595 Convenience stapler: \$299</p>

File format coverter Type C: \$600 Counter interface unit Type A: \$60 Java VM card Type C: \$132

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