

# Ricoh Aficio MP 3500/MP 4500 Series

## System Specifications

**Aficio®**

### Engine/Copier Specifications

<b>Configuration</b>	Console
<b>Scanning Element</b>	Flatbed with Moving CCD Array Image Sensor
<b>Printing Process</b>	Twin Laser Beam Scanning & Electrophotographic printing Dry, Dual Component
<b>Toner</b>	128/384 MB RAM
<b>System Memory (std./max.)</b>	40 GB standard
<b>Hard Disk Drive</b>	Standard 80-sheet ARDF
<b>Document Feeder</b>	600 x 600 dpi
<b>Copy Resolution</b>	256 levels
<b>Grayscale</b>	Manual & Automatic
<b>Exposure Adjustment</b>	Up to 999
<b>Quantity Indicator</b>	Book/Sheet
<b>Original Type</b>	Up to 11" x 17"
<b>Maximum Original Size</b>	5.5" x 8.5" to 11" x 17"
<b>Copy Size</b>	Plain Paper, Transparencies
<b>Copy Type</b>	MP 3500: 15 seconds MP 4500: 20 seconds
<b>Warm-Up Time</b>	MP 3500: 4.3 seconds MP 4500: 3.6 seconds
<b>First Copy Speed</b>	MP 3500: 35 copies/minute (LTR) MP 4500: 45 copies/minute (LTR)
<b>Continuous Copying Speed</b>	MP 3500: 20 seconds MP 4500: 15 seconds
<b>Recovery Time (from Auto Off)</b>	120V/60Hz/15A
<b>Power Source</b>	26.5" (W) x 34" (H) x 26" (D)
<b>Dimensions</b>	205 lbs.
<b>Weight</b>	500 sheets x 2 trays 50-sheet Bypass Tray
<b>Standard Paper Capacity</b>	500 sheets x 2 trays 1,500-sheet Large Capacity Tray (LCT)
<b>Optional Paper Capacity</b>	5.5" x 8.5" to 11" x 17" 20 to 28 lb. Bond/64 to 105g/m <sup>2</sup> (Trays 1 & 2) 16 to 44 lb. Bond/52 to 163g/m <sup>2</sup> (Bypass) 20 to 28 lb. Bond/64 to 105g/m <sup>2</sup> (Duplex)
<b>Paper Size</b>	500 sheets (8.5" x 11")
<b>Paper Weight</b>	
<b>Standard Output Tray Capacity</b>	25%, 50%, 65%, 73%, 78%, 85%, 93%
<b>Reduction Ratios</b>	121%, 129%, 155%, 200%, 400%
<b>Enlargement Ratios</b>	25% to 400% in 1% increments
<b>Zoom</b>	Auto Magnification, Auto Paper Select, Auto Tray Switch, Background Numbering, Booklet/Magazine Copy, Center/Border Erase, Combine Mode, Cover Insertion, Date Stamp, Directional Magnification, Document Server (3,000 file capacity), Electronic/Rotate Sorting, 10 Job Programs, Negative/Positive, OHP Slip Sheet, Page Number Stamp, Paper Designate, Series Copy, Pre-Set and User Stamps, Touch-Screen Control Panel, 100 User Codes (optional 500 max.)

### Scanner Specifications (Option)

<b>Scanning Speed</b>	Embedded Scanning 52 ipm (@ 200 dpi)
<b>Scanning Resolution</b>	600 dpi
<b>Grayscale</b>	256 Levels
<b>Scan Area</b>	Up to 11" x 17"
<b>Standard Interfaces</b>	10/100BaseTX Ethernet
<b>Optional Interfaces</b>	IEEE 802.11b Wireless LAN TCP/IP, SMTP, SMB, FTP, IPX, POP3, NCP, SNMP
<b>Protocol</b>	384 MB Shared
<b>Memory Capacity</b>	Single Page TIFF, JPEG, PDF, Multi-Page TIFF, PDF
<b>File Formats</b>	Embedded Scan-to-Email, HDD, Folder, URL and TWAIN
<b>Standard Features</b>	

### Printer Specifications (Option)

<b>Print Speed</b>	MP 3500: 35 ppm MP 4500: 45 ppm RM7035C 466 MHz
<b>CPU</b>	10/100BaseTX Ethernet, USB 2.0
<b>Standard Interfaces</b>	IEEE 802.11b Wireless LAN
<b>Optional Interfaces</b>	Bluetooth IEEE 1284 384 MB Shared TCP/IP, IPX/SPX, AppleTalk
<b>Memory Capacity</b>	Windows 9x/NT4.0/2000/ME/XP/Server 2003, Netware, UNIX; Sun Solaris, HP-UX, SCO OpenServer, Red Hat Linux, IBM AIX, Mac 8.6 - 9.2x, 10.1+, SAP R/3, NDPS Gateway, IBM iSeries/AS/400® using OS/400 Host Print Transform SmartDeviceMonitor, Web Image Monitor, Web SmartDeviceMonitor, DeskTopBinder V2 Lite
<b>Network Protocol</b>	PCL 5e/6 emulation* Ricoh RPCS
<b>Network Operating Systems</b>	Adobe PostScript 3 (optional) Up to 600 dpi
<b>Utilities</b>	(2400 x 600 dpi with smoothing) 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap, 13 International Fonts
<b>Page Description Languages</b>	136 PostScript Fonts
<b>Print Resolution</b>	Form Overlay, Watermarks, Spool Printing, Sample/Locked/Hold/ Stored Print, Encryption
<b>Fonts for PCL 5e/6</b>	
<b>Fonts for PS3</b>	
<b>Standard Features</b>	

### Fax Specifications (Option)

<b>Circuit</b>	PSTN, PBX
<b>Compatibility</b>	ITU-T G3
<b>Resolution</b>	200 x 200/100 dpi 400 x 400 dpi (optional)
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Scanning Speed</b>	0.43 seconds (LEF)
<b>Modem Speed</b>	33.6 Kbps with Auto fallback
<b>Transmission Speed</b>	G3: 3 seconds per page (MMR Compression) G3: 2 seconds per page (JBIG Compression)
<b>Memory</b>	4 MB standard (320 pages) 28 MB maximum (2,240 pages)
<b>Memory Backup</b>	1 hour
<b>Auto Dials</b>	2,000
<b>Group Dials</b>	100 (max. 500 numbers per group)
<b>ID Code Programming</b>	4 digits
<b>User Function Key</b>	3 keys
<b>Standard Features</b>	Auto Document (6), Book Transmission, Dual Access, Duplex Reception, Image Rotation
<b>Optional Features</b>	Simultaneous operation of up to 3 lines (G3 x 3); LAN-Fax Capability, Internet Faxing (T.37), IP Faxing (T.38), Fax Forwarding to E-mail/HDD/Folder with Scan/Print Installed

### PS530 Paper Bank (Option)

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"/ A5 to A3
<b>Paper Weight</b>	20 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
<b>Paper Capacity</b>	2 x 500 sheets
<b>Dimensions</b>	21.3" (W) x 23.6" (D) x 10.6" (H)

### RT45 Large Capacity Tray (Option)

<b>Paper Size</b>	8.5" x 11"/A4
<b>Paper Weight</b>	20 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
<b>Paper Capacity</b>	1,500 sheets
<b>Dimensions</b>	15.4" (W) x 19.7" (D) x 15.4" (H)

### One-Bin Tray PT330 (Option)

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"/ A5 to A3
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<b>Paper Weight</b>	16 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
<b>Paper Capacity</b>	125 sheets

### SR790 Finisher (Option)

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"/ A6 to A3
<b>Paper Weight</b>	16 to 42 lb. Bond/60 to 157g/m <sup>2</sup>
<b>Stack Capacity</b>	Proof Tray: 250 sheets (8.5" x 11" or smaller); 50 sheets (8.5" x 14" or larger) Shift Tray: 1,000 sheets (8.5" x 11" or smaller); 500 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11"); 30 sheets (8.5" x 14" or larger)
<b>Staple Position</b>	3 positions (1 staple/2 positions; 2 staples/1 position)
<b>Dimensions</b>	20.7" (W) x 20.5" (D) x 31.1" (H)

### SR880 Multi-Tray Finisher (Option)

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"/ A6 to A3
<b>Paper Weight</b>	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
<b>Stack Capacity</b>	Upper Tray: 500 sheets (8.5" x 11"); 250 sheets (8.5" x 14" or larger); 100 sheets (5.5" x 8.5") Lower Tray: 2,000 sheets (8.5" x 11"); 100 sheets (5.5" x 8.5"); 750 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11"); 30 sheets (8.5" x 14" or larger)
<b>Staple Position</b>	4 positions (1 staple/3 positions; 2 staples/1 position)
<b>Dimensions</b>	26.8" (W) x 24.4" (D) x 40.6" (H)

### SR890 Booklet Finisher (Option)

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17"/ A5 to A3
<b>Paper Weight</b>	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
<b>Stack Capacity</b>	Upper Tray: 150 sheets (8.5" x 11" or smaller); 75 sheets (8.5" x 14" or larger) Lower Tray: 1,000 sheets (8.5" x 11" or smaller); 500 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11" or smaller); 30 sheets (8.5" x 14" or larger)
<b>Booklet Tray Capacity</b>	10 sets (11 to 15 sheets) 15 sets (6 to 10 sheets) 25 sets (less than 5 sheets)
<b>Booklet Staple Capacity</b>	15 sheets
<b>Booklet Staple Position</b>	4 positions (1 staple/2 positions; 2 staples/2 positions; plus saddle stitch)
<b>Dimensions</b>	27.1" (W) x 24.5" (D) x 41.5" (H)

### 2/3 Hole Punch Kit Type 1045 (Option)

<b>Paper Weight</b>	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
<b>Application</b>	For SR880 Multi-tray Finisher only

### Additional Options

Bridge Unit Type 2045, Scanner Accessibility Option Type 3045, Fax Type 3045, Handset Type 450, G3 Interface Type 3045, Removable Hard Drive Type 3045, Additional Removable Hard Drive Type 3045, Printer/Scanner Unit Type 4500, PostScript Type 4500, Key Counter Bracket Type H, DOSS Type D, File Format Converter Type B, Copy Data Security Unit Type A, FAC25 Cabinet, 32 MB Fax Memory, User Account Enhancement Kit Type E, IEEE 1284 Interface Board Type A, Bluetooth Interface Unit Type 3245, IEEE 802.11b Interface Unit Type H, Network Enhancement Kit Type 4500P, VM Card Type B

\*Option for Ricoh MP 3500P/MP 4500P configurations.

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