

Ricoh Aficio MP 1600/MP 2000

System Specifications

Aficio®

Engine/Copier Specifications

Configuration	Console
Scanning Element	Flatbed with CCD Array Image Sensor
Toner	Dry Process (dual component)
System Memory	16 MB (std./max.)
Document Feeder	Optional 30-sheet ADF (MP 1600/MP 2000) Optional 50-sheet ARDF (MP 2000)
Copy Resolution	600 x 600 dpi
Grayscale	256 Levels
Exposure Adjustment	Manual & Automatic
Quantity Indicator	1-99
Original Type	Sheet/Book
Original Size	Up to 11" x 17"
Copy Size	5.5" x 8.5" to 11" x 17"
Copy Type	Plain Paper, Envelopes, Postcards
Warm-Up Time	26 Seconds
First-Copy Speed	6.5 Seconds
Continuous Copy Speed	16 copies/minute (MP 1600) 21 copies/minute (MP 2000)
Recovery Time (from Auto Off)	Less than 10 seconds
Power Source	120 V/60 Hz
Dimensions (WxDxH)	21.6" x 22.4" x 16.5" (MP 1600) 23.1" x 22.4" x 22" (MP 2000) 78 lbs. (MP 1600) 103 lbs. (MP 2000)
Weight	
Standard Paper Capacity	250 Sheets x 1 Tray (MP 1600) 250 Sheets x 2 Trays (MP 2000)
Optional Paper Capacity	100-sheet Bypass Tray 500 Sheets x 1 Tray or 500 Sheets x 2 Trays
Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	16 to 24 lb. Bond (Paper Trays) 14 to 43 lb. Bond/90 lb. Index (Bypass Tray) 20 to 24 lb. Bond (Duplex Unit)
Output Tray Capacity	250 Sheets 100-sheet One-bin Tray (Optional for MP 2000)
Reduction Ratios	50%; 65%; 78%; 93%
Enlargement Ratios	121%; 129%; 155%
Zoom	50% to 200% in 1% increments

Copier Features

Auto Paper Selection, Auto Reduce/Enlarge, Auto Start, Auto Tray Switching*, Combine Copy (2 in 1, 4 in 1), Electronic Sort, Image Rotation, Photo Mode, Rotate Sorting*, Series Copy, User Codes (50), User Tools

*Requires optional Paper Bank on the MP 1600.

Printer Specifications (optional)

Print Speed	16 ppm (MP 1600) 21 ppm (MP 2000)
CPU	RM5231 400 MHz
Memory Capacity	384 MB standard
Standard Interfaces	Ethernet 10BaseT/100BaseTX, USB 2.0
Optional Interfaces	IEEE 802.11b Wireless LAN, Bluetooth™, IEEE 1284 Parallel
Network Protocol	TCP/IP; IPX/SPX; AppleTalk; SMB
Network Operating	Windows® 9x/NT4.0/2000/Me/XP/ Server 2003 Macintosh® OS 8.6 or later, Mac® OS X Classic, Mac® OS X Native: v.10.1 or later Novell® NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5, UNIX filters for Sun Solaris 2.6/7/8/9/10 HP-UX 10.x/11.x/11iv2, SCO OpenServer 5.0.6 /5.0.7, RedHat Linux 6.x/7.x/8.x/9.x/ Enterprise and IBM AIX V4.3 & 5L Version 5.1/5.2 /5.3, SAP R/3 3.x or later, mySAP ERP2004 or later SmartDeviceMonitor™, Web Image Monitor™, Web SmartDeviceMonitor™, DeskTopBinder™ Lite Standard RPCS™, PCL5e/6 Optional Adobe® PostScript® 3™ 600 x 600 dpi 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap, 13 International Fonts 136 Roman Fonts
Utilities	
Page Description Languages	Standard RPCS™, PCL5e/6
Print Resolution	600 x 600 dpi
Fonts for PCL5e/6	35 Intellifonts, 10 TrueType Fonts, 1 Bitmap, 13 International Fonts 136 Roman Fonts
Fonts for PS3	136 Roman Fonts

Printer Features

Automatic Tray Select, Auto Tray Switching*, Duplex Printing (MP 2000), Envelope Printing, Watermarks

*Requires optional Paper Bank on the MP 1600.

Scanner Specifications (optional)

Scanning Speed	Scan-to-Email/Folder/Network: 43 ipm @ 200 dpi, Letter Size
Scanning Resolution	600 dpi
Grayscale	256 Levels
Scan Area	Up to 11" x 17"
Standard Interfaces	Ethernet 10BaseT/100BaseTX
Optional Interfaces	IEEE 802.11b Wireless LAN
Protocol	TCP/IP
File Formats	TIFF; PDF

Scanner Features

Black & White Scanning, Duplex Scanning (MP 2000), Embedded Scan-to-Email, Image Rotation, Network TWAIN Scanning, Scan-to-Folder (SMB/NCP/FTP), ScanRouter Lite

Security Features

User Authentication*, SNMP v3, Mask Type for Copying, Encrypt Address Book*

*Requires Print/Scan Kit or All-in-One Kit.

Fax Specifications (optional)

Circuit	PSTN, PBX
Compatibility	ITU-T G3
Resolution	200 x 100/200/400 dpi
Compression Method	MH, MR, MMR, JBIG
Scanning Speed	30 ppm (Standard/Detail Modes) 16 ppm (Fine Mode)
Modem Speed	33.6Kbps – 2,400 bps w/Auto Fallback
Transmission Speed	G3: 3 seconds/page (w/MMR)*, ** G3: 2 seconds/page (w/JBIG)*, **
Memory	4 MB (320 Sheets*)
Memory Backup	1 hour
Quick Dials	32
Speed Dials	150
Group Dials	10 (max. 100 per group)
ID Code Programming	4 Digits
User Function Key	3 keys

*Based on ITU-Test Chart #1 in standard mode.

**Approximate speed is per page at 33.6Kbps and dependent on optimal line quality. Customer performance may vary by location.

Fax Features

A1 Short Protocol, Authorized Reception, Auto Reduction, Batch Transmission, Battery Backup, Dual Access, Duplex Fax Transmission (MP 2000), Error Correction Mode, Inbound Fax Routing*, IP Fax*, Internet Fax (T.37)*, LAN Fax*, Manual Reception, Page Retransmission, Parallel Memory Transmission, Reception Time Printing, Restricted Access, Send Later, Serial Broadcasting, Substitute Reception

*Requires optional All-in-One Kit

Accessories

DF2000 Automatic Document Feeder

Original Size	5.5" x 8.5" to 11" x 17"
Original Weight	14 to 28 lb. Bond
Original Capacity	30 Sheets
Dimensions (WxDxH)	21.6" x 18.5" x 3.55"
Weight	15.4 lbs.

DF2010 Automatic Reversing Document Feeder (MP 2000 only)

Original Size	5.5" x 8.5" to 11" x 17"
Original Weight	Simplex Original: 10 to 34 lb. Bond; Duplex Original: 17 to 28 lb. Bond
Original Capacity	50 Sheets
Dimensions (WxDxH)	21.6" x 18.5" x 5.1"
Weight	22.05 lbs.

PS450 Paper Bank*

Paper Capacity	500 Sheets x 2 Trays
Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	16 to 28 lb. Bond
Dimensions (WxDxH)	21.6" x 20.5" x 10.6"
Weight	55.1 lbs.

*Configuration with Small Cabinet recommended.

PS460 Paper Bank*

Paper Capacity	500 Sheets x 1 Tray
Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	16 to 28 lb. Bond
Dimensions (WxDxH)	21.6" x 20.5" x 5.3"
Weight	26.05 lbs.

*Configuration with Medium Cabinet recommended.

Type PT340 One-Bin Tray (MP 2000 only)

Paper Size	5.5" x 8.5" to 11" x 17"
Paper Weight	16 to 28 lb. Bond
Paper Capacity	100 Sheets
Dimensions (WxDxH)	8.5" x 18.9" x 4.1"
Tray	13.2" x 15.4" x 1.7"
Weight	3.5 lbs.

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