

RICOH

Máy Đa Chức Năng Trắng Đen Kỹ Thuật Số

Ricoh Aficio MP 4002/MP 5002

✔ Copier ✔ Printer ✔ Facsimile ✔ Scanner



MP 4002

40
ppm
black
and white

MP 5002

50
ppm
black
and white

Engine/Copier Specifications

Configuration	Desktop
Scanning Element	One Dimension solid scanning through CCD
Printing Process	Twin Laser Beam Scanning & Electrophotographic Printing
Toner	Dry, Dual Component
System Memory (RAM) (Min./Max.)	Print/Scan: 1 GB RAM
Hard Disk Drive	Print/Scan: 128 GB Standard
Document Feeder	100-Sheet ARDF (Standard)
Copy Resolution	600 x 600 dpi
Grayscale	256 levels
Exposure Adjustment	Manual & Automatic (Standard)
Quantity Indicator	Up to 999
Original Type	Book/Sheet
Maximum Original Size	Up to 11" x 17"
Copy Size	5.5" x 8.5" to 11" x 17"
Copy Type	Plain Paper, Transparencies, Recycled Paper, Cardstock, Letterhead, Envelope
First Copy Speed	MP 4002: 4.1 seconds MP 5002: 3.5 seconds
Continuous Copying Speed	MP 4002: 40 copies/minute (LTR) MP 5002: 50 copies/minute (LTR)
Warm-Up Time (from main Switch On)	Print/Scan: Less than 19 seconds
Recovery Time from Sleep Mode	Print/Scan: Less than 11/15 seconds (MP 4002/MP 5002)
Typical Electricity Consumption (TEC)	MP 4002: 2.87kWh (Print/Scan) MP 5002: 3.49kWh (Print/Scan)
Power Source	120V/60Hz, 12A
Sleep Mode Power Consumption	Print/Scan: 2.7W (MP 4002/MP 5002)
Dimensions	26.38" (W) x 26.85" (D) x 35.24" (H) (670 x 682 x 895 mm)
Weight	Less than 213.8 lbs. (97 kg)
Standard Paper Capacity	550 sheets x 2 trays
Optional Paper Capacity	100-Sheet Bypass Tray 550 sheets x 2 trays or 2,000 x 1; 1,200-Sheet Large Capacity Tray (LCT)
Paper Size	Tray 1 & 2: 7.25" x 10.5" to 11" x 17" (Executive – A3); Bypass: 5.5" x 8.5" (SEF) to 11" x 17" (A5 – A3)
Paper Weight	Tray 1 & 2: 16 – 57 lb. Bond/60 – 216 g/m ² Bypass: 14 – 58 lb. Bond/52 – 220 g/m ² Duplex: 16 – 44 lb. Bond/60 – 169 g/m ²
Reduction Ratios	25%, 50%, 65%, 73%, 78%, 85%, 93%
Enlargement Ratios	121%, 129%, 155%, 200%, 400%
Zoom	25% to 400% in 1% increments
Standard Features	Auto Magnification, Auto Paper Select, Auto Tray Switch, Center/Border Erase, Chapters, Combine Mode, Cover Insertion, Date Stamp, Directional Magnification, Double Copy, Electronic/Rotate Sorting, Preset Stamps, Bates Stamp (numbering), Full-Color WVGA Touch Screen, 25 Job Programs, Negative/Positive, OHP Slip Sheet, Page Number Stamp, Paper Designate, Sample Copy, Simple Screen, 1,000 User Codes, Document Server, Stamping on Copies

Printer Specifications

Print Speed	MP 4002: 40 ppm MP 5002: 50 ppm
CPU	RM7035C-533 MHz
Standard Interfaces	10BaseT/100BaseTX, USB 2.0
Optional Interfaces	IEEE 802.11a/b/g Wireless LAN, Gigabit Ethernet, IEEE 1284
Memory Capacity	Shared with Copier Memory
Network Protocol	TCP/IP, IPX/SPX

Network Operating Systems

Utilities	Windows XP/Vista, Server 2003/Server 2008/Server 2008R2 and Windows 7, Windows 8, Windows Server 2012, Network Server 6.5**, UNIX; Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Mac OS, OS X 10.2 or later, SAP R/3, NDFS Gateway, IBM iSeries/AS/400 using OS/400 Host Print Transform
Page Description Languages	Web Image Monitor, Embedded @Remote Standard PCL 5e/6, PDF Direct Print and Adobe® PostScript® 3™/IPDS (Optional)
Print Resolution	Up to 600 dpi
Fonts for PCL 5e/6	45 Intellifonts, 13 International Fonts
Fonts for PS3	136 Roman Fonts
Standard Features	Sample/Locked/Hold/Stored Print

Scanner Specifications

Embedded Scanning Speed	BW: 61 ipm (@200 dpi, 8.5" x 11" LEF) FC: 31 ipm (@200 dpi)
Scanning Resolution	Up to 600 dpi
Grayscale	256 levels
Scan Area	Up to 11" x 17"
Standard Interfaces	10BaseT/100BaseTX Ethernet
Optional Interfaces	Wireless LAN (802.11a/b/g), Gigabit Ethernet
Protocol	TCP/IP, SMTP, SMB, FTP, POP3, NCP*
Memory Capacity	Shared with Copier Memory
Standard Features	Embedded Scan-to-Email, HDD, Folder, URL, Color Scanning
File Formats	Single-Page and Multi-Page TIFF, PDF, High Compression PDF, Single-Page JPEG, Single and Multiple page PDF/A

* Requires Network option.

Fax Specifications (Option)

Circuit	PSSTN, PBX
Compatibility	ITU-T G3
Resolution	200 x 200/100 dpi (Standard) 400 x 400 dpi (Optional)
Compression Method	MH, MR, MMR, JBIG
Scanning Speed	0.90 seconds 8.5" x 11" (A4 SEF)
Modem Speed	33.6 Kbps with Auto Fallback
Transmission Speed	G3: 3 seconds per page (MMR Compression) G3: 2 seconds per page (JBIG Compression)
Memory (SAF)	4 MB standard (up to 320 pages) 28 MB maximum (up to 2,240 pages)
Memory Backup	1 hour
Auto Dials	2,000 with HDD
Group Dials	100 (max. 500 numbers per group)
ID Code Programming	4 digits
User Function Key	3 keys
Standard Features	Dual Access, Image Rotation, LAN-Fax Capability*, Internet Faxing (T.37)*, IP Faxing (T.38)*, Fax Forwarding to E-mail/HDD/Folder*
Optional Features	Simultaneous operation of up to 3 lines (G3 x 3)

Security Features

(Standard on Print/Scan Configuration)	HDD Encryption, HDD Data Overwrite, SMTP over SSL, S/MIME, IPsec Communication, Locked Print Password Encryption, Encrypt Address Book, SSL Secure Socket Layer, Windows/LDAP/User Authentication, SNMP v3, Encryption of Password PDF, Encrypted PDF, IP Filtering, Quota Limit Setting
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Finishing Options

One-Bin Tray BN3100 (Option)	Paper Size 5.5" x 8.5" – 11" x 17"/A5 – A3 Paper Weight 16 to 50 lb. Bond/60 – 169 g/m ² Paper Capacity 125 sheets
SR3090 Finisher (Option)	Paper Size 5.5" x 8.5" – 11" x 17"/A5 – A3 Paper Weight 14 to 69 lb. Bond/52 to 260 g/m ² (Proof Tray) 14 to 43 lb. Bond/52 to 163 g/m ² (Shift Tray)

Stack Capacity

Stack Capacity	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)
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/2 positions; 2 staples/1 position
Dimensions	10.7" (W) x 20.5" (D) x 31.2" (H) (270 x 520 x 790 mm)

SR3110 Booklet Finisher (2,000-Sheet Option)

Paper Size	5.5" x 8.5" – 11" x 17"/A5 – A3
Paper Weight	14 to 43 lb. Bond/52 to 163 g/m ² (Proof Tray) 14 to 68 lb. Bond/52 to 256 g/m ² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller); 50 sheets (8.5" x 14" or larger) Shift Tray: 2,000 sheets (8.5" x 11" LEF 1,000 sheets (8.5" x 11" – 11" x 17") SEF 100 sheets (5.5" x 8.5")
Staple Capacity	50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/2 positions
Saddle Stitch	30 sets (2 – 5 sheets); 15 sets (6 – 10 sheets); 10 sets (11 – 15 sheets)
Dimensions	25.9" (W) x 25.1" (D) x 37.8" (H) (657 x 613 x 960 mm)

SR3120 Finisher (3,000-Sheet Option)

Paper Size	5.5" x 8.5" – 11" x 17"/A5 – A3
Paper Weight	14 to 43 lb. Bond/52 to 163 g/m ² (Proof Tray) 14 to 68 lb. Bond/52 to 256 g/m ² (Shift Tray)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller); 50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11" LEF 1,500 sheets (8.5" x 11" – 11" x 17") SEF 50 sheets (8.5" x 11")
Staple Capacity	30 sheets (8.5" x 14" or larger)
Staple Position	1 staple/3 positions; 2 staples/1 position
Dimensions	25.9" (W) x 25.1" (D) x 37.8" (H) (657 x 613 x 960 mm)

Hardware Accessories

LCIT RT3020 Side Large Capacity Tray (Option)	Paper Size 11" x 8.5"/A4 (LEF) Paper Weight 16 to 57 lb. Bond/60 – 216 g/m ² Paper Capacity 1,200 sheets Dimensions 13.7" (W) x 21.3" (D) x 11.4" (H) (348 x 540 x 290 mm)
PB3130 Paper Feed Unit (Option)	Paper Size 7.25" x 10.5" – 11" x 17"/Executive – A3 Paper Weight 16 to 57 lb. Bond/60 – 216 g/m ² Paper Capacity 550 sheets x 2 Dimensions 22.8" (W) x 24.8" (D) x 10.2" (H) (580 x 629 x 260 mm)
LCIT PB3140 Large Capacity Tray (Option)	Paper Size 8.5" x 11"/A4 (LEF) Paper Weight 16 to 57 lb. Bond/60 – 216 g/m ² Paper Capacity 2,000 sheets Dimensions 22.8" (W) x 24.8" (D) x 10.2" (H) (580 x 629 x 260 mm)

Additional Accessories

Bridge Unit Type BU3060, Copy Data Security Unit Type G, FAC56 Cabinet, Fax Option Type 5002, File Format Converter Type E, G3 Interface Unit Type 5002, Gigabit Ethernet Board Type A, IEEE 1284 Interface Board Type A, IEEE 802.11a/g Interface Unit Type J, Key Counter Bracket Type H, Optional Counter Interface Unit Type A, PostScript3 Unit Type 5002, Punch Unit PU3030 (for SR3120 & SR3110), Fax Connection Unit Type A, Memory Unit Type B 32 MB, Internal Shift Tray SH3060, Hard Disk Drive Option Type 5002, SD Card for Network Printing Type K, Browser Unit Type I, Platen Cover Type 3352, IPDS Unit Type 5002, Card Reader Bracket Type 3352

