

Ricoh Aficio MP 2352/MP 2852/
MP 3352
Digital Imaging System
Your choice for more efficient workflow

RICOH



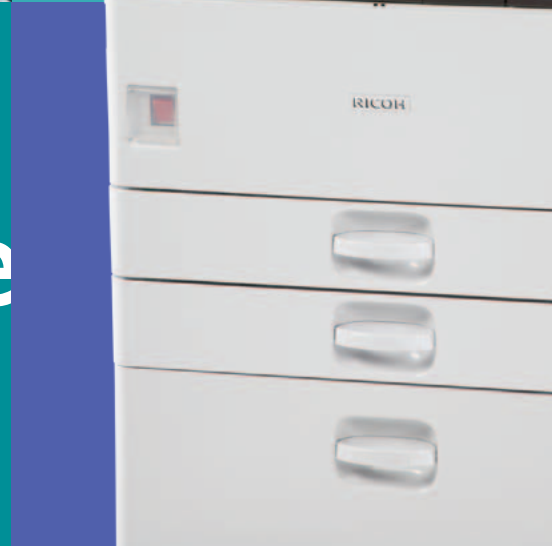
execute



secure



streamline



Ricoh Aficio MP 2352/MP 2852/MP 3352

Customize document management for any workflow.

Expectations are high. You're facing more tasks, more challenges—and less time. So why not demand more from your multifunction system? The RICOH® Aficio® MP 2352/MP 2852/MP 3352 offers unmatched versatility and innovative security for superior productivity and efficiency. It provides copy, print, scan and fax capabilities in a compact design so you can produce a wide range of jobs with exceptional quality. Plus, it incorporates a host of sustainable, eco-friendly features that can enable fast-paced offices to save money while conserving energy. Use it as your workhorse device to streamline workflow from creation to finishing, or integrate it into a comprehensive Managed Document Services (MDS) strategy and improve productivity while reducing total cost of ownership.



The Ricoh Aficio MP 2352/MP 2852/MP 3352 offers versatile multifunction performance, innovative security and advanced distribution capabilities in a compact, environmentally-friendly design.

Flexible Compact Convenient Productive

Enhance Productivity

Accomplish every task with incredible speed and convenience. The Ricoh Aficio MP 2352/MP 2852/MP 3352 offers all-in-one performance for fast, cost-effective workflow.

- Deliver exceptional multifunction performance with printing, copying, color scanning and faxing. The MP 2852/MP 3352 is available in two configurations—a standard scan/print version and a highly-configurable copier version, which can also be modified to print, scan or fax to suit your office environment. The MP 2352 is available in a standard scan/print configuration.
- Generate up to 33 black-and-white pages-per-minute and proceed to the next job quickly.
- Execute workflows seamlessly with a wide range of document distribution tools that can be tailored for your office for maximum convenience.
- Reprint, refax or scan instantly with the Document Server. It stores up to 3,000 frequently-used documents to expedite workflow.

Share More Efficiently

With its wide range of scanning capabilities, this digital imaging system enables quick electronic document capture and convenient distribution options for incredible flexibility, productivity and value.

- Capture documents in monochrome or in vibrant color and reduce file sizes with high-compression PDF for faster transmission and printing without compromising image quality.
- Distribute documents instantly with Scan-to-Email or automate document sharing and archiving with Scan-to-Folder.
- Employ Scan-to-URL for network flexibility. Users can store the document on the Hard Disk Drive to reduce network traffic and view and download files via Web browser.
- Preview electronic documents as full-color thumbnails for accurate review that can enhance efficiency while minimizing wasted supplies.

Deliver High-Quality Results

The Ricoh Aficio MP 2352/MP 2852/MP 3352 offers powerful network printing to ensure fast-moving workflows and affordable output.

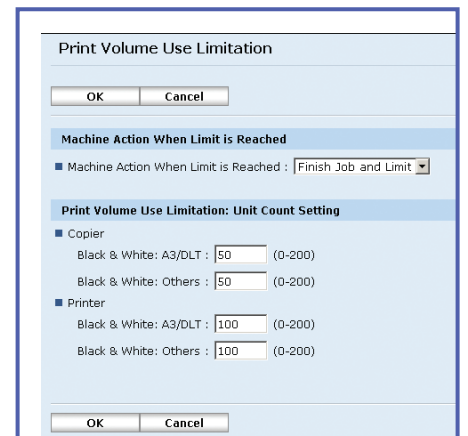
- Simplify print jobs with the icon-driven, PCL6 user interface driver and optional genuine Adobe® PostScript3® drivers.
- Enjoy seamless integration with Windows, Macintosh, Unix and AS/400 environments and a host of standard or optional interfaces to ensure that local network requirements are met.
- Modify queues for print jobs at any time with the Job Function List feature and meet even the most ambitious deadlines.
- Expedite jobs with PDF Direct Print. Users can print PDFs without opening Adobe Acrobat or taxing the network.
- Avoid print bottlenecks with Auto Job Promote. This feature holds a job when a resource is not available—such as a different paper size—and automatically prints the next job in the queue.



Load scanned documents to portable media using Scan-to-Media capabilities with the USB/SD card slot and print TIFF, PDF and JPG files virtually anywhere.



Color scanning combined with innovative Scan-To capabilities promotes cost-free document distribution and less taxing network traffic.



Set output limits for individuals and groups with the Quota Setting feature to effectively control print costs.

Outstanding Efficiency in a Compact Design

50-Sheet Automatic Reversing Document Feeder (standard)
(Optional for the MP 2852/MP 3352 copier only configurations)
Scan multi-page and mixed size originals quickly and easily.

500-Sheet External Finisher (optional)
Realize greater cost savings and productivity by printing reports and presentations in-house.

1,000-Sheet Booklet Finisher



1,000-Sheet Finisher



500-Sheet Internal Finisher

Finish In-House with Style

Produce compelling, professionally finished documents and minimize outsourcing. Choose from a variety of optional finishers to design a complete end-to-end document production solution that meets your unique application demands.

1 x 500 and 1 x 550-Sheet Paper Trays (standard)

Front-facing, user-adjustable trays accommodate a wide range of paper stocks and sizes, including envelopes.

1 x 550-Sheet Paper Tray* (optional)

Provides lower height making it easy for all users to access.

2 x 550-Sheet Paper Tray* (optional)

Add more paper capacity for larger jobs and uninterrupted printing and copying.

2,000-Sheet Large Capacity Tray* (optional)

Increase total system volume up to 3,150 sheets for less reloading. (Letter-size/A4 only)

Cabinet Stand* (optional)

Add a convenient storage space for supplies when the standard paper supply meets your needs.



*Cannot be combined with other optional paper sources.

Ricoh Aficio MP 2352/MP 2852/MP 3352



Intuitive 8.5" Color Control Panel

This easy-to-use control panel simplifies operations.

One-Bin Tray (optional)

Separate copy output from fax/print output.

Duplex Unit (standard)

Support environmental initiatives, cut paper use in half and save on supply costs by printing double-sided documents.

100-Sheet Bypass Tray (standard)

Print envelopes, labels and transparencies on a variety of paper types and sizes.

Choose the Configuration that Best Meets Your Office Requirements



Configuration	Copier	Copy / Print / Scan
Speeds Available	28 ppm, 33 ppm	23 ppm, 28 ppm, 33 ppm
ARDF	Optional	Standard
Print/Scan Connectivity	Optional	Standard
Fax	Optional	Optional
Security	Standard DataOverWriteSecurity & HDD Encryption*	Standard DataOverWriteSecurity & HDD Encryption
System Memory (Std./Max.)	512 MB / 1 GB	1 GB/1 GB
Hard Disk Drive	Optional	Standard 120 GB
Personal Paperless Document Manager (PPDM)	Optional	Standard 1 License
Java VM Card	Optional	Standard

*Hard Disk Drive required to enable these features.

Ricoh Aficio MP 2352/MP 2852/MP 3352

Management Made Easy

Engineered for maximum convenience, the Ricoh Aficio MP 2352/MP 2852/MP 3352 simplifies administrative tasks—including system management, device monitoring and troubleshooting.

- Access a wide range of system settings including supply levels and job details, assign e-mail notification to key team members, cancel jobs and reboot the system remotely with Web Image Monitor.
- Use Web SmartDeviceMonitor to configure, monitor and manage your entire fleet of connected Ricoh devices—right from your desktop.
- Promote proactive maintenance with automated alerts for low supplies and errors with Auto-Email Notification.
- Automate meter submissions, critical event notifications and remote firmware updates with @Remote.

Advanced Document Security

Help ensure document integrity at every stage of the creation and distribution process with comprehensive security that protects your most important information assets.

- Protect sensitive documents on the hard drive with the standard DataOverwriteSecurity System (DOSS). It automatically overwrites the hard drive to prevent retrieval of confidential information when enabled.
- Add a powerful layer of security with standard HDD Encryption and encode stored documents for maximum protection from hackers.
- Safeguard critical data during transmission with Encrypted PDF Transmission. Use it to scramble and encrypt transparent and vulnerable data, including user name and password.
- Ensure accurate user authentication with a variety of methods, including user codes, LDAP, Windows Authentication and card based authentication solutions.

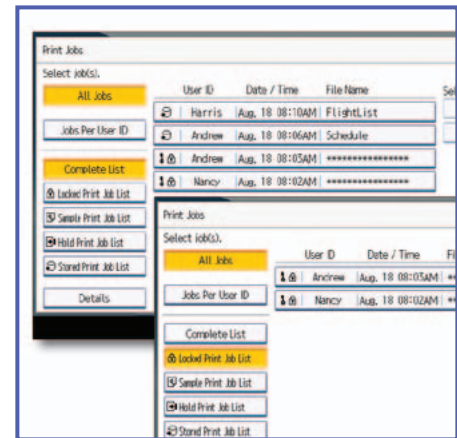
Fast Fax Transmission

Handle any workload—whether it's one page or hundreds—with innovative faxing features that simplify management and expedite delivery.

- Send and receive faxes electronically with Internet faxing, using either a PC or conventional fax numbers via IP to save on transmission costs and paper.
- Preview pages prior to transmission to decrease errors and detect blank pages.
- Route inbound faxes to an e-mail address or network folder to ensure timely, accurate delivery and distribution.



Store up to 3,000 frequently-used documents in the Document Server for instant reprinting, refaxing and scanning.



Minimize access to sensitive documents. Locked Print allows users to delay printing until they enter a password at the device.



Fax documents right from your desktop to maximize convenience and boost efficiency.

PowerfulSecureSustainableProfessional

Enable Mobile Workers

Give mobile users an easy way to print documents while on the go without compromising security.

- Print documents, e-mails and Web content from anywhere with optional HotSpot Printing. Users can forward documents to the MFP via PDAs or other Internet-enabled devices without installing drivers or software.
- Accommodate visitors, such as employees visiting branch offices, with the Mail-to-Print feature. This allows users to send emails with attachments directly to the MFP to print PDF/JPG files automatically without installing print drivers.



Print from mobile devices to HotSpot-enabled MFPs and printers for fast, convenient printing on the go.

Customize Workflows

The Ricoh Aficio MP 2352/MP 2852/MP 3352 offers innovative tools that accommodate the unique demands of your environment and streamline business-critical activities.

- Customize MFP touch-screen menus directly from the PC quickly without IT support and create secure, searchable PDFs from text files, spreadsheets and scanned documents with Personal Paperless Document Manager (PPDM) software.
- Expedite meta-data entry and integrate directly with many of the leading Document Management Systems at the MFP with optional support for GlobalScan NX, eCopy, NSi AutoStore and other applications with the optional USB Keyboard.*
- Connect to optional Cloud applications such as DocumentMall. Documents can be securely scanned to a folder in DocumentMall or downloaded for printing.
- Develop customized applications using Embedded Software Architecture, a Java-compatible Software Development Kit (SDK).



High-yield consumables help minimize operating costs and downtime. Genuine Ricoh supplies foster optimal performance and superior print quality.

Sustainable Efficiency

Conserve energy while boosting productivity. Ricoh has incorporated a variety of environmentally-friendly features that conserve time and money.

- Reduce paper consumption by printing double-sided documents—and reducing output by up to half—with standard automatic duplexing.
- Start printing and copying quickly. The Ricoh Aficio MP 2352/MP 2852/MP 3352 warms up in as few as 14 seconds and recovers from Sleep Mode as quickly as 10 seconds.
- Save energy with fast first-copy times. This digital imaging system can produce a first copy in as little as 4.5 seconds.

The Total Green Office Solution



Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.

*Native embedded scanning is not supported.

Ricoh Aficio MP 2352/MP 2852/MP 3352

System Specifications

Aficio®

Engine/Copier Specifications

Scanning Element One-Dimensional Solid Scanning Through CCD

Printing Process Single Laser Beam Scanning & Electrophotographic Printing

Toner Dry, Dual Component

Copy Resolution 600 x 600 dpi

Quantity Indicator Up to 999

First Copy Time MP 2352: Less than 5.4 seconds
MP 2852/MP 3352: Less than 4.5 seconds

Warm-Up Time

Without Hard Disk Drive: Less than 20 seconds
With Hard Disk Drive: Less than 14 seconds

System Memory (std./max.) Copier Basic: 512 MB RAM/1 GB RAM + 120 GB HDD

Original Type Book/Sheet/Object

Maximum Original Size Up to 11" x 17"

Copy Type Plain Paper, Transparencies, Letterhead, Color Paper, Pre-Punched Paper, Envelopes, Cardstock, Recycled

Continuous Copying Speed MP 2352: 23 copies/minute (LTR)
MP 2852: 28 copies/minute (LTR)
MP 3352: 33 copies/minute (LTR)

Power Source 120V/60Hz/12A

TEC Value MP 2352: 1,773 Wh (Print/Scan)
MP 2852: 2,100 Wh (Copier Basic)
MP 2852: 2,210 Wh (Print/Scan)
MP 3352: 2,455 Wh (Copier Basic)
MP 3352: 2,511 Wh (Print/Scan)

Standard Paper Capacity 500 sheets x 1 tray, 550 sheets x 1 tray, and 100-Sheet Bypass Tray

Maximum Paper Capacity 3,150 sheets

Paper Size 5.5" x 8.5" to 11" x 17"
A6 to A3

Paper Weight 14 to 28 lb. Bond/52 to 105 g/m² (Duplex)
14 to 42 lb. Bond/52 to 157 g/m² (Tray 1, 2 and Bypass)

Standard Output Tray Capacity 500 sheets (Letter)
250 sheets (Legal, Ledger)

Maximum Output Capacity 1,600 sheets (Bridge Unit + 1 Bin + 1,000 Sheet Finisher)

Reduction Ratios 25%, 50%, 65%, 73%, 78%, 85%, 93%, 100%

Enlargement Ratios 121%, 129%, 155%, 200%, 400%

Zoom 25% to 400% in 1% increments

Standard Features Auto Magnification, Auto Paper Select, Auto Tray Switch, Booklet/Magazine Copy*, Center/Border Erase, Chapters, Combine Mode, Cover Insertion, Directional Magnification, Document Server (3,000 File Capacity)*, Duplex, Electronic/Rotate Sorting, Full-Color VGA Touch Screen Control Panel, Negative/Positive, OHP Slip Sheet, 8 Job Presets*, 10 Job Programs, 500 User Codes, Sample Copy, Series Copy, User Stamps*

Dimensions (WxDxH)

Copier Basic: 23.1" x 25.7" x 27.9"
587 mm x 653 mm x 709 mm

Print/Scan: 23.1" x 25.7" x 32.6"
587 mm x 653 mm x 829 mm

Weight Copier Basic: 143 lbs., 65 kg
Print/Scan: 165 lbs., 75 kg

Printer Specifications

Standard on Print/Scan Configuration / Option on Copier Basic Configuration

Print Speed MP 2352: 23 ppm (LTR)
MP 2852: 28 ppm (LTR)
MP 3352: 33 ppm (LTR)

CPU RM7035C 533 MHz

Standard Interfaces 10Base-T/100BaseTX Ethernet, USB 2.0

Optional Interfaces IEEE 802.11a/b/g Wireless LAN, Bluetooth, IEEE 1284 Parallel, Gigabit Ethernet

Memory Capacity Shared with Copier

Network Protocol TCP/IP, IPX/SPX

Network Operating Systems Windows Vista/7/XP/Server 2003/Server 2008, Netware 6.5 or later, Unix, Sun Solaris, HP-UX, SCO OpenServer, Red Hat Linux, IBM AIX, Mac OS X 10.2 or later, SAP R/3, NDPS Gateway, IBM iSeries/AS/400® using OS/400 Host Print Transform, Citrix Presentation Server 4.5/Citrix Xen App 5.0

Utilities @Remote, SmartDeviceMonitor, Web SmartDeviceMonitor, Web Image Monitor

Page Description Languages Standard PCL5e/6, Optional Adobe PostScript3®, IPDS

Print Resolution Up to 600 dpi

Fonts for PCL5e/6 45 Scalable Fonts, 6 Bitmap Fonts, 13 International Fonts

Fonts for PS3 136 PostScript Fonts

Standard Features Sample/Locked/Hold/Stored Print

Scanner Specifications

Standard on Print/Scan Configuration / Option on Copier Basic Configuration

Scanning Speed Embedded Scanning: 50/45 ipm (@ 200 dpi)

B&W/Color 600 dpi

Scanning Resolution Up to 11" x 17"

Scan Area 10Base-T/100BaseTX Ethernet

Standard Interfaces IEEE 802.11a/b/g Wireless LAN, Gigabit Ethernet

Optional Interfaces TCP/IP, NCP, SMB, SMTP, POP 3, LDAP, FTP

Protocol Shared with Copier

Memory Capacity Single and Multi-Page TIFF/PDF, High Compression PDF, Single-Page JPEG

File Types Embedded Scan-to-Email/Folder/URL and TWIN, Color Scan

Standard Features Embedded Scan-to-Email/Folder/URL and TWIN, Color Scan

Fax Specifications (Option)

Circuit PSTN, PBX

Compatibility ITU-T G3

Resolution 200 x 200/100 dpi
400 x 400 dpi (optional)
0.35 seconds (LEF)

Compression Method MH, MR, MMR, JBIG

Scanning Speed 0.35 seconds (LEF)

Modem Speed 33.6 Kbps with Auto Fallback

Transmission Speed G3: 3 seconds per page (MMR Compression)
G3: 2 seconds per page (JBIG Compression)

SAF Memory 4 MB standard/28 MB maximum
320 pages/2,240 pages
2,000

Max Auto Dials 100 (max. 500 numbers per group)

Group Dials Dual Access, Duplex Reception, Image Rotation, 1 Hour Backup, LAN-Fax Capability*, Internet Faxing (T.37)*, IP Faxing (T.38)*, Fax Forwarding to E-Mail/HDD/Folder*

Features Simultaneous Operation of up to 3 lines (G3 x 3)

Optional Features

Security Features

Standard on Print/Scan Configuration / Option on Copier Basic Configuration

DOSS, HDD Encryption, S/MIME, IPsec Communication, Locked Print Password Encryption, Address Book Encryption, SSL, User Authentication, Quota Setting/Account Limit, SNMP v3, SMTP over SSL and PDF encryption

Hardware Accessories

PB3120 Paper Feed Unit (Option)
Paper Size 7.25" x 10.5" to 11" x 17"/A5 to A3
Paper Weight 14 to 42 lb. Bond/52 to 157 g/m²
Paper Capacity 1 x 550 sheets
Dimensions (WxDxH) 22.8" x 24.4" x 4.7"
580 mm x 620 mm x 120 mm

PB3130 Paper Feed Unit (Option)
Paper Size 7.25" x 10.5" to 11" x 17"/A5 to A3
Paper Weight 14 to 42 lb. Bond/52 to 157 g/m²
Paper Capacity 2 x 550 sheets
Dimensions (WxDxH) 22.8" x 24.4" x 10.2"
580 mm x 620 mm x 260 mm

PB3140 Large Capacity Tray (Option)
Paper Size 8.5" x 11"/A4
Paper Weight 14 to 28 lb. Bond/52 to 105 g/m²
Paper Capacity 2,000 sheets x 1
Dimensions (WxDxH) 22.8" x 24.4" x 10.2"
580 mm x 620 mm x 260 mm

One-Bin Tray BN3090 (Option)
Paper Size 5.5" x 8.5" to 11" x 17"/A5 to A3
Paper Weight 16 to 28 lb. Bond/60 to 105 g/m²
Paper Capacity 100 sheets

500-Sheet Internal Finisher Type 3352
Paper Size 7.25" x 10.5" to 11" x 17"/A3, A4
Paper Weight 14 lb. Bond to 140 lb. Index/52 to 256 g/m²

Stack Capacity 500 Sheets (8.5" x 11" or smaller)
250 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 Top 1, Bottom 1, Left 2, Top 2

Dimensions (WxDxH) 19.5" x 18.8" x 6.4"
495 mm x 477 mm x 161 mm

Punch Kit PU3020 NA (Option)
2 or 3 hole punch

SR3070 500-Sheet Finisher (Option)
Paper Size 7.25" x 10.5" to 11" x 17"/A3, A4
Paper Weight 14 to 42 lb. Bond/52 to 157 g/m²
Stack Capacity 500 sheets (8.5" x 11" or smaller)
250 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 Top Slant, Bottom Slant, Left 2, Top 2

Dimensions (WxDxH) 15.6" x 21.7" x 10.9"
396 mm x 551 mm x 275 mm

SR3090 1,000-Sheet Finisher (Option)
Paper Size (Upper Tray) 5.5" x 8.5" to 11" x 17"/A6 to A3
Paper Weight 14 lb. Bond to 140 lb. Cover/52 to 260 g/m²
Stack Capacity Upper 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)
50 sheets (8.5" x 11")
30 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 Top 1, Bottom 1, Left 2, Top 2

Dimensions (WxDxH) 10.7" x 20.5" x 31.2"
270 mm x 520 mm x 790 mm

SR3100 Booklet Finisher (Option)
Paper Size (Upper Tray) 5.5" x 8.5" to 11" x 17"/A6 to A3
Paper Size (Shift Tray) 7.25" x 10.5" to 11" x 17"/A3, A4
Paper Weight 14 to 28 lb. Bond/52 to 105 g/m²
(Upper Tray); 14 lb. Bond to 140 lb. Index/52 to 256 g/m² (Shift Tray)

Stack Capacity Upper Tray: 100 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)
50 sheets (8.5" x 11")
30 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 Top 1, Center, Left 2, Top 2

Saddle Stitch Capacity 1 set (10 sheets)

Saddle Stitch Position Center 2 Positions

Dimensions (WxDxH) 21.1" x 23.7" x 36.7"
535 mm x 600 mm x 930 mm

Punch Kit PU3000 NA (Option)
2 or 3 hole punch

ARDF DF3060
Standard on Print/Scan Configuration / Option on Copier Basic Configuration

Paper Size 5.5" x 8.5" to 11" x 17", A5 to A3

Simplex Paper Weight 11 to 34 lb. Bond/40 to 128 g/m²

Stack Capacity 50 sheets

Dimensions (WxDxH) 21.7" x 19.5" x 4.7"
550 mm x 496 mm x 120 mm

Additional Accessories

3L68-19 USB Keyboard, ADF Handle Type C, Bluetooth Interface Unit Type D, Bridge Unit BU3050, Card Reader Bracket Type 3352, Caster Table Type D, DataOverwriteSecurity Unit Type I¹, External USB Keyboard, FAC 52 Cabinet, File Format Converter Type E, G3 Interface Unit Type 3352, Gigabit Ethernet Board Type A, Handset Type 3352, Hard Disk Drive Type 3352¹, IEEE 802.11 a/g Interface Unit Type J, IEEE 1284 Interface Board Type A, Internal Shift Tray SH3050, IPDS Unit Type 3352, Key Counter Bracket Type H, Memory Unit Type B 32 MB, Optional Control Interface Unit Type A, Platen Cover Type 3352¹, PostScript Unit Type 3352, Printer/Scanner Unit Type 3352¹, USB 2.0/SD Slot Type H, VM Card Type N¹, VZ G106030 Keyboard Bracket

Note: Some accessories require additional equipment or may be prerequisites for other options.

*Copier Basic Configuration requires additional accessories.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

¹ Copier Basic Configuration only.

² ISO 15408 Certified.

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