

Multifunction Color

# RICOH MP C3004ex/ MP C3504ex

✓ Copier   ✓ Printer   ✓ Facsimile   ✓ Scanner



**RICOH**  
imagine. change.

MP C3004ex

**30**  
ppm  
monochrome  
and full-color

MP C3504ex

**35**  
ppm  
monochrome  
and full-color

# Put your best finishing touches on display

Add the finishing touches so your message connects with your audience every time. With the External Hybrid Stapleless + Stapler Finisher, you can conserve resources by eliminating staples entirely for document sets with five or fewer pages. For document sets from 6 – 50 pages, the finisher automatically converts to staples. Or, choose the Internal Stapleless Finisher and get the same staple-free capability. Both stapleless finishers are ideal for educational, manufacturing and healthcare environments.

Looking for a finisher to accommodate your unique requirements? Simply choose the one with the advanced paper handling, stacking and stapling capabilities you need most. Automate finishing tasks to give your projects a professional-grade look that's sure to get noticed without compromising your time or budget.



Finisher	Paper Capacity	Hole-Punch	Saddle Stitch	Stapleless
SR3180 Internal	250 Sheets	N/A	N/A	Up to 5 Sheets
SR3130 Internal	500 Sheets	Option	N/A	N/A
SR3210 External	1,000 Sheets	Option	N/A	Stapleless – Up to 5 Sheets Auto Stapled – Up to 50 Sheets (LTR)
SR3220 External	1,000 Sheets	Option	Up to 15 Sheets	N/A

## General Specifications

<b>Printing Process</b>	4-Drum Method
<b>Output Speed (Copy/Print)</b>	MP C3004ex: 30-ppm B&W & Full-Color (LTR) MP C3504ex: 35-ppm B&W & Full-Color (LTR)
<b>Warm-Up Time</b>	25 seconds
<b>Recovery from Sleep Mode</b>	6.9 seconds
<b>First Copy Time (Full-Color/B&amp;W)</b>	7.1/4.6 seconds
<b>Copy Resolution</b>	600 dpi
<b>Quantity Indicator</b>	Up to 999 copies
<b>Single Pass Document Feeder (SPDF)</b>	Original Capacity: 220 sheets Original Size: 5.5" x 8.5" – 11" x 17" (A5 – A3) Paper Weights: Simplex: 11– 34 lb. Bond (40 – 128 g/m <sup>2</sup> ), Duplex: 14 – 34 lb. Bond (52 – 128 g/m <sup>2</sup> )
<b>Paper Capacity</b>	Standard: 2 x 550 sheets + 100-Sheet Bypass Tray, Maximum: 4,700 sheets (w/Tandem LCT + Side LCT)
<b>Supported Paper Sizes</b>	1st Paper Tray: 8.5" x 11" (A4) 2nd Paper Tray: 5.5" x 8.5" – 12" x 18" (A6 – A3), Envelopes Bypass: Up to 12" x 18", Envelopes Custom Sizes: Width: 3.5" – 12.6" (90 – 320 mm), Length: 5.8" – 49.6" (148 – 1260 mm)
<b>Supported Paper Weights</b>	Standard Trays: 16 – 80 lb. Bond/166 lb. Index (60 – 300 g/m <sup>2</sup> ) Bypass Tray: 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m <sup>2</sup> ) Duplex Unit: 14 – 68 lb. Bond/142 lb. Index (52 – 256 g/m <sup>2</sup> )
<b>Paper Types</b>	Plain, Recycled, Special Paper 1-3, Letterhead, Cardstock, Preprinted Paper, Bond Paper, High-Gloss Coated Paper, Color Paper, Envelopes, Coated, Labels* & OHP*
<b>Auto Duplex</b>	Standard
<b>Output Capacity</b>	Standard: 500 sheets Maximum: 1,625 sheets
<b>Zoom</b>	25% – 400% in 1% increments

<b>Dimensions (WxDxH)</b>	26.3" x 29.1" x 47.5" (668 x 738 x 1205 mm) (Includes SPDF and Two-Tray Paper Bank)
<b>Weight</b>	223 lbs. (101 kg)
<b>Power Requirements</b>	120V – 127V, 60Hz, 15A
<b>Power Consumption</b>	1,584W or less; Sleep Mode: 0.8W
<b>TEC Value**</b>	MP C3004ex: 1.2 kWh/week MP C3504ex: 1.3 kWh/week

\*Bypass Tray Only  
\*\*Typical Electricity Consumption by ENERGY STAR Qualified Imaging Equipment Test Procedure

## Printer Specifications (Standard)

<b>CPU</b>	Intel Atom Processor Bay Trail 1.33 GHz
<b>Memory /HDD</b>	2 GB RAM/250 GB HDD Standard & 4 GB RAM/250 GB HDD Option
<b>Page Description Languages</b>	Standard: PCL5c, PCL6, PostScript®3™ Emulation, PDF Direct Print Emulation Optional: Genuine Adobe® PostScript®3™, Adobe® PDF Direct Print, PictBridge™
<b>Font Support</b>	Standard: PCL: 45 Roman fonts + 13 International fonts; PostScript®3™ Emulation: 80 Roman fonts + 13 International fonts Optional: Genuine Adobe® PostScript®3™: 136 Roman fonts
<b>Max. Print Resolution</b>	1200 x 1200 dpi
<b>Network Interfaces</b>	Standard: 1000Base-T/100Base-TX/10Base-T Ethernet, USB2.0 Type A (3 Ports), SD Slot on Operation Panel Optional: IEEE1284/ECP, IEEE802.11a/b/g/n, USB2.0 Type B
<b>Network Protocol Support</b>	TCP/IP (IPv4, IPv6)
<b>Network/OS</b>	Windows® Vista/7/8.1/10/Server 2008/Server 2008R2/ Server2012/ Server2012R2/Server 2016 Unix: Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Citrix XenDesktop 7.0/7.1, XenApp 6.5/7.5, Mac OS X v.10.9 or later, SAP R/3, SAP S/4, IBM iSeries AS/400- using OS/400 Host Print Transform
<b>Utilities</b>	Device Manager NX Series, Web Image Monitor, @Remote

## Document Server Specifications (Standard)

<b>Max. Stored Documents</b>	3,000
<b>Max. Pages/Document</b>	2,000
<b>Max. Page Capacity</b>	9,000
<b>Max. Number of Folders</b>	200

## Scanner Specifications (Standard)

<b>Scanner Resolution</b>	B&W and Full-Color scanning at 100 – 600 dpi, Up to 1200 dpi for TWAIN scanning
<b>Scanning Speed (B&amp;W &amp; Full-Color LTR)</b>	200/300 dpi: 110 ipm Simplex/ 180 ipm Duplex
<b>Scan Area</b>	11.7" x 17" (297 mm – 432 mm)
<b>Compression Method</b>	B&W TIFF: MH, MR, MMR, JBIG2 Full-Color: JPEG
<b>Supported File Formats</b>	Single/Multi-Page TIFF, PDF, High Compression PDF & PDF/A, Single Page JPEG
<b>Scan Modes</b>	Scan-to-Email (with LDAP support) Scan-to-Folder (SMB/FTP) Scan-to-URL Scan-to-Media (USB/SD Card) Network TWAIN Scanning

## Facsimile Specifications (Optional)

<b>Type</b>	ITU-T (CCITT) G3
<b>Circuit</b>	PSTN, PBX
<b>Resolution</b>	200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)
<b>Modem Speed</b>	33.6K – 2,400 bps w/Auto Fallback
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Transmission Speed</b>	G3: Approximately 2 seconds/page (JBIG)
<b>Scanning Speed</b>	Up to 81 spm
<b>Auto Dialing</b>	2,000 Quick/Speed Dial numbers; 100 Group Dial numbers
<b>Memory Capacity (SAF)</b>	Standard: 4 MB (approx. 320 pages), Optional: 64 MB (approx. 4,800 pages) with optional SAF memory

# RICOH MP C3004ex/MP C3504ex

## SYSTEM SPECIFICATIONS



### Security Features (Standard)

DataOverwriteSecurity System (DOSS), HDD Encryption, User Codes, SNMP v3 Support, Encryption, Locked Print, User Authentication, 802.1x Wired Authentication, Quota Setting/Account Limit, Digitally Signed PDF, and more

### Hardware Accessories

#### Paper Handling Options

##### Two-Tray Paper Bank (PB3240)<sup>1</sup>

Tray Capacity 1,100 sheets (550 sheets x 2 trays)  
 Paper Size 5.5" x 8.5" to 12" x 18" (A5 – A3)  
 Paper Weight 16 – 80 lb. Bond/166 lb. Index (60 – 300 g/m<sup>2</sup>)  
 Dimensions (WxDxH) 23.1" x 27" x 9.7" (587 x 685 x 247 mm)

##### One-Tray Paper Bank (PB3250)<sup>1</sup>

Tray Capacity 550 sheets x 1 tray  
 Paper Size 5.5" x 8.5" to 12" x 18" (A5 – A3)  
 Paper Weight 16 – 80 lb. Bond/166 lb. Index (60 – 300 g/m<sup>2</sup>)  
 Dimensions (WxDxH) 23.1" x 27" x 4.7" (587 x 685 x 120 mm)  
 Requires installation of Caster Table Type M3

##### Tandem Large Capacity Tray (PB3260)<sup>1</sup>

Tray Capacity 2,000 sheets (1,000 sheets x 2)  
 Paper Size 8.5" x 11" (A4)  
 Paper Weight 16 – 80 lb. Bond/166 lb. Index (60 – 300 g/m<sup>2</sup>)  
 Dimensions (WxDxH) 23.1" x 27" x 9.7" (587 x 685 x 247 mm)

##### Side Large Capacity Tray (RT3030)

Tray Capacity 1,500 sheets  
 Paper Size 8.5" x 11" (A4)  
 Paper Weight 16 – 80 lb. Bond/166 lb. Index (60 – 300 g/m<sup>2</sup>)  
 Dimensions (WxDxH) 13.4" x 21.4" x 11.4" (340 x 545 x 290 mm)  
 Requires installation of Two-Tray Paper Bank (PB3240) or Tandem LCT (PB3260)

### Output Trays & Finisher Options

#### Internal Shift-Sort Tray (SH3070)<sup>1</sup>

Tray Capacity 250 sheets (8.5" x 11" or smaller) (A4 – A5)  
 125 sheets (8.5" x 14" or larger) (B4 – A3)  
 Paper Size 5.5" x 8.5" to 12" x 18" (A5 – A3)  
 Paper Weight 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Cannot be installed with any Finisher

#### One-Bin Tray (BN3110)

Paper Size 5.5" x 8.5" to 12.6" x 17.7" (A5 – A3)  
 Paper Weight 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Tray Capacity 125 Sheets

#### 250-Sheet Stapleless Internal Finisher (SR3180)<sup>1</sup>

Paper Size 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Paper Weight 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Stack Capacity 250 sheets (8.5" x 11" or smaller) (A4)  
 125 sheets (8.5" x 14" or larger) (B4 – A3)  
 Staple Paper Size 8.5" x 11" to 11" x 17" (A4 – A3)  
 Staple Paper Weight 17 – 21 lb. Bond (64 – 80 g/m<sup>2</sup>)  
 Stapleless Capacity 2 – 5 sheets/set  
 Staple Positions Top, 1 Staple  
 Dimensions (WxDxH) 17.1" x 20.3" x 5.9" (435 x 515 x 150 mm)

#### 500-Sheet Internal Finisher (SR3130)<sup>1</sup>

Paper Size 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Paper Weight 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Stack Capacity 500 sheets (8.5" x 11" or smaller) (A4)  
 250 sheets (8.5" x 14" or larger) (B4 – A3)  
 Staple Paper Size 7.25" x 10.5" to 11" x 17" (A4 – A3)  
 Staple Paper Weight 14 – 28 lb. Bond (52 – 105 g/m<sup>2</sup>)  
 Staple Capacity 30 sheets (8.5" x 11") (A4)  
 30 sheets (8.5" x 14" or larger, and/or Mixed Sizes) (B4 – A3)  
 Staple Positions Top, Bottom, 2 Staples  
 Dimensions (WxDxH) 21.5" x 20.6" x 6.7" (546 x 523 x 170 mm)

#### 2-/3-Hole Punch Unit (PU3040NA)

(Optional; Installs inside SR3130 Internal Finisher)  
 Punch Paper Sizes 7.25" x 10.5" to 11" x 17" (A4 – A3)  
 Punch Paper Weight 14 – 45 lb. Bond/93 lb. Index (52 – 169 g/m<sup>2</sup>)

#### 1,000-Sheet Hybrid Staple + Stapleless Finisher (SR3210)<sup>1,2,3,4</sup>

Paper Size Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Shift Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Paper Weight Proof Tray: 14 – 45 lb. Bond/93 lb. Index (52 – 169 g/m<sup>2</sup>)  
 Shift Tray: 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Stack Capacity Proof Tray: 250 sheets (8.5" x 11") (A4);  
 50 sheets (8.5" x 14" or larger) (B4)  
 Shift Tray: 1,000 sheets (8.5" x 11") (A4);  
 500 sheets (8.5" x 14" or larger) (B4)  
 Stapleless Capacity 2 – 5 sheets/set  
 Staple Capacity 50 sheets (8.5" x 11") (A4)  
 30 sheets (8.5" x 14" or larger) (B4)  
 Staple Paper Size 8.5" x 11" to 12" x 18" (A4 – A3)  
 Staple Paper Weight 14 – 28 lb. Bond (52 – 105 g/m<sup>2</sup>)  
 Staple Positions Top, Bottom 2 Staples  
 Dimensions (WxDxH) 22.2" x 24.4" x 37.8" (563 x 620 x 960 mm)

#### 1,000-Sheet Booklet Finisher (SR3220)<sup>1,2,3,4</sup>

Paper Size Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Shift Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3)  
 Booklet Tray: 8.5" x 11" to 12" x 18" (A4 – A3)  
 Paper Weight Proof Tray: 14 – 45 lb. Bond (52 – 169 g/m<sup>2</sup>)  
 Shift Tray: 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m<sup>2</sup>)  
 Booklet Tray: 14 – 28 lb. Bond (52 – 105 g/m<sup>2</sup>)  
 Stack Capacity Proof Tray: 250 sheets (8.5" x 11" or smaller) (A4); 50 sheets (8.5" x 14" or larger) (B4 – A3)  
 Shift Tray: 1,000 sheets (8.5" x 11" or smaller) (A4); 500 sheets (8.5" x 14" or larger) (B4 – A3)  
 Booklet Tray: 20 Sets (2 – 5 sheets), 10 Sets (6 – 10 sheets) & 7 Sets (11 – 15 sheets)  
 Normal Staple: 50 sheets (8.5" x 11") (A4); 30 sheets (8.5" x 14" or larger) (B4 – A3)  
 15 sheets  
 Saddle Stitch Normal Staple: 8.5" x 11" to 12" x 18" (A4 – A3)  
 Saddle Stitch: 8.5" x 11" to 12" x 18" (A4 – A3)

Staple Paper Weight 14 – 28 lb. Bond (52 – 105 g/m<sup>2</sup>)  
 Staple Positions Top, Bottom, 2 Staples, Booklet  
 Dimensions (WxDxH) 22.2" x 24.4" x 37.8" (563 x 620 x 960 mm)

#### 2-/3-Hole Punch Unit (PU3050NA)

(Optional; Installs inside SR3210 or SR3220 Finisher)  
 Punch Paper Sizes 5.5" x 8.5" to 11" x 17" (A5 – A3)  
 Punch Paper Weight 14 – 68 lb. Bond/142 lb. Index (52 – 256 g/m<sup>2</sup>)

### Color Controller E-23C

Controller Type Embedded Type  
 Fiery Platform FS150  
 CPU Intel Processor G850 2.9GHz  
 Host Interface 1000Base-T/100Base-TX/10Base-T  
 Memory 2 GB  
 Internal HDD 500 GB  
 Operating System Linux  
 Network Protocol TCP/IP (IPv4/IPv6), SMB, Bonjour  
 Page Description Standard: PostScript<sup>3</sup> & PCL6/5c Language  
 Max. Print Resolution Up to 1200 dpi (2 bit)  
 Max. Scan Resolution Up to 600 dpi  
 Fonts PS3: 138 fonts/PCL: 81 AGFA fonts  
 Utilities Standard: Command WorkStation<sup>®</sup> 5, Fiery<sup>®</sup> Scan, Printer Delete Utility, Fiery Web Tools, Fiery Bridge, Secure Erase and Fiery VUE  
 Optional: Fiery Impose, Fiery Compose, Fiery Auto Trap, EFI Spot-On<sup>™</sup>, Fiery Folders, Fiery Color Profiler Suite v4.0, Fiery ES-2000 Spectrophotometer and EFI Productivity Pack  
 Color Management Tools ICC Profile, Color Chart, CMYK Color Reference Pages, RGB Color Tests, Trapping Support and ColorWise<sup>®</sup> Pro Tools

### Additional Accessories

Banner Paper Guide Tray Type M19, Caster Table Type M3, Bridge Unit BU3070, Cabinet Type F, Camera Direct Print Card Type M19, Card Reader Bracket Type 3352, Extended USB Board Type M19, External Keyboard Bracket Type M19, Fax Connection Unit Type M19, Fax Memory Unit Type M19 64MB, File Format Converter Type M19, G3 Interface Unit Type M19, HotSpot MFP Option Type S, IEEE 802.11a/g/n Interface Unit Type M19, IEEE 1284 Interface Board Type M19, Imageable Area Extension Unit Type M19, Key Counter Bracket Type M3, Memory Unit Type M19 4GB, NFC Card Reader Type M19, OCR Unit Type M13, Optional Counter Interface Unit Type M12, Postscript3 Unit Type M33, Power Filter ESP XG-PCS-15D, Smart Card Reader Built-in Unit Type M19, XPS Direct Print Option Type M19

<sup>1</sup>Either the Cabinet Type F or one of the paper options must be installed.  
<sup>2</sup>Requires configuration with Bridge Unit BU3070.  
<sup>3</sup>Cannot be installed together.  
<sup>4</sup>Requires installation of Two-Tray Paper Bank (PB3240) or Tandem Large Capacity Tray (PB3260).

Some options may not be available at the time of market release. Genuine Adobe<sup>®</sup> PostScript<sup>3</sup> and PDF Direct from Adobe<sup>®</sup> are available as options.

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