

Ricoh Aficio MP C2000  
Color Digital Imaging System  
Any job. Any time. Any place.

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versatile



color



efficient



# Ricoh Aficio MP C2000

## System Specifications

Aficio®

### General Specifications: C2000, C2000 SPF

(SPF version includes Fax Option)

**Printing Process:** Dry Electrostatic Transfer with Dual Component Development; 4-Drum Method

**Output Speed:** 20-ppm B&W and Full-Color

**Warm-up Time:** Less than 45 seconds

**First Copy Time:** Full-Color: 9.7 secs; B&W 6.7 secs

**Copy/Print/Scan Resolution:** 600 x 600 dpi

**Document Feeder:** Automatic Reversing Document Feeder (ARDF)

Original Capacity: 50 sheets  
Paper Size: 5.5" x 8.5"-11" x 17"  
Paper Weight: Simplex: 11 lb.-34 lb. Bond (40-128 g/m<sup>2</sup>); Duplex: 14 lb.-28 lb. Bond (52-105 g/m<sup>2</sup>)  
Dimensions: 21.7" x 19.3" x 4.7" (550 x 491 x 120mm)

**Exposure Glass:** Up to 11" x 17"

**Multiple Copies:** Up to 999 copies

**Copy Size:** 11" x 17" max (full bleed on 12" x 18")

**Input Capacity:** Standard: 2 x 550 sheets + 100-sheet Bypass Tray  
Maximum: 3,200 sheets (with LCT)

**Output Capacity:** Standard: 500 sheets Face Down; Max: 1,625 sheets (with 1,000-sheet Finisher + Inner 1 Bin Tray)

**Paper Sizes:** First Paper Tray: 8.5" x 11"  
Second Paper Tray/Paper Bank: 7.25" x 10.5"-11" x 17"  
Bypass Tray: Width: 3.5"-12", Length: 5.8" x 18" (12" x 18" max)  
Large Capacity Tray: 8.5" x 11"

**Paper Weights:** Standard Tray/Paper Bank/Large Capacity Tray: 16-57 lb. Bond; 120 lb. Index (60-216 g/m<sup>2</sup>)  
Bypass Tray: 16-67 lb. Bond; 140 lb. Index (60-256 g/m<sup>2</sup>) (Source for Labels, OHP)  
Duplex Unit: 17-45 lb. Bond; 90 lb. Index (64-169 g/m<sup>2</sup>)

**Paper Types:** Plain paper, laser printer qualified transparencies, labels, envelopes

**Auto Duplex:** Standard

**Zoom:** 25%-400% in 1% increments

**Presets Reduction Ratios:** 93%, 85%, 78%, 73%, 65%, 50%, 25%

**Presets Enlarge Ratios:** 400%, 200%, 155%, 129%, 121%

**Dimensions (WxDxH):** 25.6" x 25.9" x 29.1" (650 x 659 x 740mm) Standard Configuration <264.5 lb. (120kg) with ARDF

**Weight:** <264.5 lb. (120kg) with ARDF

**Power Requirements:** 120V, 12A, 60Hz

**Power Consumption:** 1,440 Watts maximum

### Printer Controller Specifications (Standard)

**CPU:** RM7035C @ 600MHz, Embedded

**Memory:** 1GB RAM & 40GB HDD Standard (Shared)

**Max. Print Speed:** 20-ppm B&W & Full-Color

**Page Description:** PCL 5c, PCL 6, RPCS (Standard)

**Languages:** Genuine Adobe® Postscript®3™, includes PDF Direct Print (Optional)

**Max. Print Resolution:** 2400 dpi equivalent x 600 dpi

**Standard Interfaces:** 10BaseT/100BaseTX Ethernet (RJ-45), USB 2.0

**Optional Interfaces:** IEEE 802.11b Wireless LAN Interface Type H; Bluetooth Wireless Board Type 3245; IEEE 1284 Parallel Interface Type A; IEEE 1394 Interface Type B; USB Host Interface Type A\*

\*Required with optional Camera Direct Print Card

**Network/OS:** Windows 95/98SE/NT4.0/2000/Me/XP/Vista/Server 2003, Novell NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; UNIX filters for Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, and IBM AIX; MAC OS 8.6-9.2x; OS X 10.1+; SAP R/3, NDPS Gateway; IBM iSeries/AS/400-using OS/400 Host Print Transform

**Utilities:** SmartDeviceMonitor for Admin and Client; Web SmartDeviceMonitor; Web Image Monitor; DeskTopBinder Lite; Print Utility for MAC (w/Adobe PS3 opt.)

### Security Specifications

**DataOverwriteSecurity System (DOSS) Type D (Optional):** Security feature that overwrites latent data on the system's hard drive after copy, scan, fax and print jobs.

**Copy Data Security Unit Type A (Optional):** Copies of prints made with this feature will be blacked out or embedded with a watermark to deter illegal copying.

**Other Security Features:** SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication; WPA (Wi-Fi Protect Access Support); PDF Encryption; Removable Hard Drive

### Scanner Specifications (Standard)

**Scanner Resolution:** Monochrome Mode: 100-600 dpi (1200 dpi for TWAIN B&W only)  
Full-Color Mode: 100-600 dpi  
Default Setting: 200 dpi

**Scanning Speed\*:** 50-ippm Black & White; 35-ippm Full-Color (200 dpi via ARDF)

**Scan Area:** Main Scan: 11.7" (297mm), Sub Scan: 17" (432mm)

**Scan Size:** Glass: 11" x 17", 8.5" x 14", 8.5" x 11"  
ARDF: 5.5" x 8.5"-11" x 17"

**Scan Mode:** Standard: BW Text/Line Art, BW Text, BW Text/Photo, BW Photo, BW Grayscale, FC Glossy Photo, FC Text/Photo, ACS

**Compression Method:** Black & White: TIFF (MH, MR, MMR); Grayscale, Full-Color: JPEG

**Scan-to Modes supported:** Scan-to-Email (with LDAP support)  
Scan-to-URL  
Scan-to-Folder (SMB/FTP/NCP)  
Network TWAIN scanning

\*When the File Format Converter Option is installed, the maximum scanning for black & white/full-color is 50 ipm/50 ipm

### Document Server Specifications (Standard)

**Capacity:** 40GB (shared w/other functions)

**Max. Stored Documents:** 1,000 documents

**Max. Pages/Document:** 2,000 pages

**Max. Stored Pages:** 2,000 pages

### Facsimile Specifications (Optional)

#### Fax Option Type C3000:

**Type:** ITU-T (CCITT) G3, Additional G3 (optional)

**Circuit:** PSTN, PBX

**Resolution:** 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)

**Modem Speed:** 33.6K-2,400bps w/Auto Fallback

**Compression Method:** MH, MR, MMR, JBIG

**Transmission Speed:** G3: Approximately 2 seconds/page (w/JBIG)  
G3: Approximately 3 seconds/page (w/MMR)

**Scan Speed:** .56 seconds/page (Standard/Detail Mode); 1.12 seconds/page (Super Fine Mode)

**Auto Dialing:** 2,000 Quick Dials, 100 Group Dials (500 locations each)

**Memory Capacity:** 4MB (approximately 320 pages); Maximum 28MB (2,240 pages)

**Additional Modes:** Internet Fax by E-mail (T.37); IP Fax (T.38); LAN Fax; Fax Forward to E-mail/Folder; LDAP Support

**Options:** Additional G3 Lines (up to 2); Fax SAF Memory; Telephone Handset

### Hardware Accessories

#### Two-Tray Paper Bank\*

**Paper Capacity:** 1,100 sheets (550 x 2)

**Paper Sizes:** 7.25" x 10.5"-11" x 17"

**Paper Weights:** 16-57 lb. Bond/120 lb. Index (60-216 g/m<sup>2</sup>)

#### Large Capacity Tray (LCT)\*

**Paper Capacity:** 2,000 sheets (1,000 x 2)

**Paper Sizes:** 8.5" x 11"

**Paper Weights:** 16-57 lb. Bond/120 lb. Index (60-216 g/m<sup>2</sup>)

#### FAC33 Cabinet\*

\*Please note either Cabinet Stand or a paper option must be selected.

#### 1,000-sheet Booklet Finisher (SR3000)\*

**Paper Sizes:** 5.5" x 8.5"-11" x 17", 12" x 18"

**Paper Weights:** Upper Proof Tray: 14-28 lb. Bond (52-105 g/m<sup>2</sup>); Lower Shift Tray: 14-68 lb. Bond / 140 lb. Index (52-256 g/m<sup>2</sup>)

**Stack Capacity:** Upper Proof Tray: 100 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger); Lower 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)  
Saddle Stitch: 10 sheets (up to 40 pages)

**Staple Paper Sizes:** 8.5" x 11" to 11" x 17"

**Staple Positions:** 1 stpl/2 position; 2 stpl/3 position

2/3-Hole Punch Unit Option available for Booklet Finisher

#### 500-sheet Finisher (SR3010)\*

**Paper Sizes:** 5.5" x 8.5"-11" x 17"

**Paper Weights:** 14-34 lb. Bond (52-128 g/m<sup>2</sup>)

**Stack Capacity:** 500 sheets (8.5" x 11" or smaller)  
250 sheets (8.5" x 14"-11" x 17")

**Staple Capacity:** 50 sheets (8.5" x 11")  
30 sheets (8.5" x 14" or larger)

**Staple Positions:** 1 stpl/ 2 position; 2 stpl/1 position

#### 1,000-sheet Finisher (SR790)\*

**Paper Sizes:** 5.5" x 8.5"-12" x 18"

**Paper Weights:** Shift Tray: 17-43 lb. Bond /90 lb. Index (64-163 g/m<sup>2</sup>); Proof Tray: 14-68 lb. Bond / 140 lb. Index (52-260 g/m<sup>2</sup>)

**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 Paper Sizes:** 8.5" x 11"-12" x 18"

**Staple Positions:** 1 stpl/2 positions; 2 stpl/2 positions

\*All Finishers Require Bridge Unit

#### Internal Shift Sort Tray\*

**Paper Sizes:** 5.5" x 8.5"-12" x 17"

**Paper Capacity:** 250 sheets (8.5" x 11" or smaller)  
125 sheets (8.5" x 14" or larger)

**Paper Weights:** 14-67 lb. Bond/140 lb. Index (52-253 g/m<sup>2</sup>)

\*Internal Shift Sort Tray cannot be installed with a finisher

#### Inner One-Bin Tray

**Paper Sizes:** 5.5" x 8.5"-11" x 17"

**Bin Capacity:** 125 sheets

**Paper Weights:** 16-45 lb. Bond/90 lb. Index (60-169 g/m<sup>2</sup>)

#### Additional Accessories:

File Format Converter; Key Counter Bracket Type H; Optional Counter Interface Unit Type A; Java VM Card Type C for Embedded Software Architecture Application; Camera Direct Print Card Type A (requires USB Host Interface)

### Supplies & Consumables

**Black Toner:** 20,000 pages; **Cyan, Magenta, Yellow Toners:** 15,000 pages each (toner yields based on 5% coverage)

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

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