

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

RICOH

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/m²); Duplex: 14 lb.-28 lb. Bond (52-105 g/m²)
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)

Paper Weights: Large Capacity Tray: 8.5" x 11" Standard Trays/Paper Bank/Large Capacity Tray: 16-57 lb. Bond; 120 lb. Index (60-216 g/m²)
Bypass Tray: 16-67 lb. Bond; 140 lb. Index (60-256 g/m²) (Source for Labels, OHP)

Duplex Unit: 17-45 lb. Bond; 90 lb. Index (64-169 g/m²)

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

Auto Duplex: Standard

Zoom: 25%-400% in 1% increments

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

Preset 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: 120V, 12A, 60Hz

Power Requirements: 1,440 Watts maximum

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-ipm Black & White; 35-ipm 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"

Scan Mode: ARDF: 5.5" x 8.5"-11" x 17"
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/m²)

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/m²)

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/m²); Lower Shift Tray: 14-68 lb. Bond / 140 lb. Index (52-256 g/m²)

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)

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/m²)

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/m²); Proof Tray: 14-68 lb. Bond / 140 lb. Index (52-260 g/m²)

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/m²)

*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/m²)

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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