

## Advanced Office Document Stations



**Aficio™ MP 1600/MP 2000**

# The Easy to Use Solution for Any Office

Effective and professional communication is what makes your business flourish. Building on technological innovation and years of experience as market leading global company, Ricoh provides unequalled quality solutions tailored to the needs of more demanding businesses. Boasting outstanding paper handling, the straightforward Aficio™MP 1600/MP 2000 are set to swiftly take care of your everyday tasks and answer your growing office demands. With the optional internal controller, these compact solutions can easily be transformed into full blown multifunctionals with user friendly print and scan capabilities and even a professional fax. A perfect fit for today's complex network environments, they feature a large variety of digital distribution possibilities. Simply the smart choice for your growing business requirements!

## MP 1600

- Highly productive at 16 ppm
- Ample 1,350-sheet paper capacity
- Optional 30-sheet ADF

## MP 2000

- Outstanding performance at 20 ppm
- Standard duplexing
- Large 1,600-sheet paper capacity
- Optional internal one-bin tray
- Optional 50-sheet ARDF





# The Productivity your Office Needs

Combining the skills of many office peripherals into one intelligent, space saving unit, the MP 1600/MP 2000 offer superb efficiency and outstanding output quality. Everything you need to print, copy, scan and fax quality documents quickly and with ease. A smooth office workflow is within reach!

## High Productivity

A speedy workflow is essential to stay on top of the game. With a short warm up time, the MP 1600/MP 2000 are ready for business almost instantly. What's more, your first output is ready in a mere 6.5 seconds. As printing/copying continues at 16/20 pages per minute (ppm), your jobs are ready faster so you can focus on your work again without delay.

**16/20** pages per minute

## Continuity Guaranteed .....

You can rest assured; those occasional peak periods will no longer keep you from more important work. Thanks to an impressive maximum paper capacity of 1,350/1,600 sheets, you can take care of any large print/copy job without the need for continuous refills.



## A3 Experts

Boasting full A3 copy, print and scan capability, the MP 1600/MP 2000 are set to deliver professional looking output for specific applications such as spreadsheets, graphs, promotional material, insurance forms, etc.

*The image on these pages is not a real photograph and slight differences in detail might appear.*

## Cost Saving Duplexing

Printing duplex equals saving money. Included as standard on the MP 2000, the duplex function produces double-sided output at the same high output speed as simplex. Since you save on paper, you also reduce your costs while keeping the environment in mind.



## Exceptional Paper Handling

- expand your in-house printing capabilities using a wide range of media up to 162 g/m<sup>2</sup> for any specific office document
- increase your efficiency by copying, printing, scanning and faxing double-sided documents in one go (MP 2000)
- obtain handy separated printed and copied output through the one-bin tray (MP 2000)

## Simple to Operate

- straightforward operation thanks to user friendly operation panel
- full front accessibility: hassle free paper refills and toner replacement
- improved user comfort with easy handling paper trays
- virtually maintenance free



## Full Featured Printing & Networking

Easy networkability and an improved print workflow are a certainty with the MP 1600 and MP 2000. These sophisticated devices are ready to be used instantly without any setup or special configuration, ensuring hassle free integration into specific environments, even those which are non-Windows® based. Furthermore, network traffic is reduced through the PDF Direct Print functionality, increasing your total productivity.

## The Environment, our Responsibility

Like all Ricoh products, the Aficio™MP 1600/MP 2000 reflect Ricoh's commitment to the environment with the usage of toxic free materials\* and clean and quiet operation. With their low power consumption (energy saver mode), low energy toner production and duplex capability (MP 2000), these document handlers take eco care even further.

\* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances, effective from July 2006).



# Optimise your Workflow

The highly evolved MP 1600 and MP 2000 are fully equipped to efficiently deal with a wide array of office tasks.

Packed with a range of smart features, these devices streamline your workflow while keeping your information safe.

Reliable solutions for today and tomorrow.



Various security measures protect your confidential data and secure your document cycle.

## Efficient Distribution

Distributing, organising and archiving your information is child's play with the MP 1600 and MP 2000's optional scan capabilities. In just a few seconds, you can send scanned files to your PC. Larger jobs can simply be fed into the MP 1600's 30-sheet ADF. The MP 2000 even scans double-sided documents in one pass using the ARDF. The distribution possibilities are many: you can send scanned files by e-mail, transmit them directly to a dedicated network folder or an FTP server, and more. Now your office can instantly share fully editable files.

## Intelligent Faxing

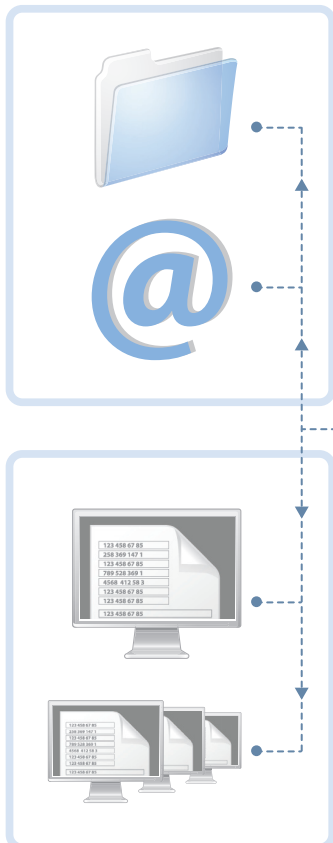
With the optional fax unit in place, the MP 1600 and MP 2000 boost the efficiency of your workflow with high speed, professional and user friendly faxing.

With 33.6 Kbps modem speed, they transmit your documents quickly and reliably.

- automatically distribute incoming faxes to e-mail or a dedicated folder and omit the distribution of printed faxes
- optimise your efficiency and forward faxes to a single person or an entire workgroup
- reduce infrastructure costs by transmitting fax documents using T.38 (VoIP) protocol via the existing LAN

## High Tech Security

In recent years, information security has become a priority for many organisations. Therefore, the Aficio™MP 1600/MP 2000 come equipped with potent security measures to adequately safeguard access and protect your valuable information. These include various types of authentication, data encryption and IP filtering.



Making use of the MP 1600/MP 2000's advanced scan and fax possibilities, you can empower your office with a truly digital information flow to save time and costs.







# Aficio™ MP 1600/MP 2000

## Specifications



### COPIER

Copying process:	Twin laser beam scanning & electro photographic printing	
Copy speed:	16/20 copies per minute	
Resolution:	600 dpi	
Multiple copy:	Up to 99	
Warm up time:	Less than 15 seconds	
First output speed:	Less than 6.5 seconds	
Zoom:	50 - 200% (in 1% steps)	
Memory:	Standard:	16 MB
Paper input capacity:	Standard:	MP 1600: 1 x 250-sheet paper tray 100-sheet multi-bypass tray MP 2000: 2 x 250-sheet paper trays 100-sheet multi-bypass tray Duplex tray Maximum: MP 1600: 1,350 sheets MP 2000: 1,600 sheets
Paper output capacity:	Standard:	250 sheets (internal tray)
Paper size:	Standard tray(s):	A5 - A3
	Bypass tray:	A6 - A3
	Duplex tray (MP 2000):	A5 - A3
Paper weight:	Standard tray(s):	60 - 90 g/m <sup>2</sup>
	Bypass tray:	52 - 162 g/m <sup>2</sup>
	Duplex tray (MP 2000):	64 - 90 g/m <sup>2</sup>
Dimensions (W x D x H):	MP 1600:	550 x 568 x 420 mm
	MP 2000:	587 x 568 x 558 mm
Weight:	MP 1600:	Less than 35 kg
	MP 2000:	Less than 47 kg
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Operation:	1.28 kW
	Energy saver mode:	45 W

### PRINTER/SCANNER (option)



### Printer

Print speed:	16/20 prints per minute	
Printer language/ resolution:	Standard:	PCL5e, PCL6, RPCS™: 600 x 600 dpi
	Option:	Adobe® PostScript® 3™: 600 x 600 dpi
Interface:	Standard:	Ethernet 10 base-T/100 base-TX USB 2.0
	Optional:	Wireless LAN (802.11b) Bi-directional IEEE 1284 Bluetooth
Memory:	Standard:	384 MB
Network protocol:	TCP/IP, IPX/SPX, AppleTalk	
Supported environments:	Windows® 98/Me/NT4.0/2000/XP/ Server 2003 Novell® Netware® 3.12/3.2/4.1/4.11 5.0/5.1/6/6.5 UNIX Sun® Solaris 2.6/7/8/9/10 HP-UX 10.x/11.x/11iv2	

# RICOH

SCO OpenServer 5.0.6/5.0.7  
RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise  
IBM® AIX v4.3/5L v5.1/5.2/5.3  
Macintosh OS 8.6 or later (OS X Classic)  
Macintosh X v10.1 or later (native mode)  
IBM System i5™ HPT  
SAP® R/3®  
NDPS Gateway  
AS/400® using OS/400 Host Print Transform



### Scanner

Scan speed:	Maximum 43 originals per minute (A4, SEF)
Resolution:	600 dpi
Original size:	A5 - A3
Bundled drivers:	Network, TWAIN
Scan to e-mail:	TCP/IP, SMTP or POP3 before SMTP
Destination addresses:	Maximum 100 per job
Stored destination addresses:	Maximum 150
Address book:	Via LDAP, operation panel, Web Image Monitor or SmartDeviceMonitor™
Scan to folder:	Via SMB, FTP or NCP protocol



### Software

SmartDeviceMonitor™¹, Web SmartDeviceMonitor™¹,  
Web Image Monitor, DeskTopBinder™ Lite¹



### FAX (option)

Circuit:	PSTN, PBX
Compatibility:	ITU-T (CCITT) G3, T.37, T.38
Modem speed:	Maximum 33.6 Kbps
Resolution:	200 x 100/200/400 dpi
Compression method:	MH, MR, MMR, JBIG
Scanning speed:	1 second (200 x 200 dpi, A4, SEF)
Memory capacity:	Standard: 4 MB
Memory backup:	Yes

### OPTIONS

- Platen cover
- 30-sheet Auto Document Feeder (MP 1600)
- 50-sheet Auto Reverse Document Feeder (MP 2000)
- 100-sheet one-bin tray (MP 2000)
- 1 x 500-sheet paper tray
- 2 x 500-sheet paper trays
- Accessibility handle option (for standard and optional paper trays)
- Cabinets (large, medium, small)

¹ Bundled with printer/scanner option.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



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