



# The Powerful Office Package

To keep up in today's competitive business world, you need the flexibility to optimally handle a variety of tasks. Besides taking care of your daily copying, printing and scanning jobs, you also need a device which can grow with your business. The compact Aficio™MP 1600Le/MP 2000Le have been designed with exactly those thoughts in mind. While helping you save on costs and office space, they allow you to enjoy the benefits of high quality output, easy operation and exceptional paper handling. An entire wealth of capabilities united in one compact device. With the Aficio™MP 1600Le/MP 2000Le, a smooth running and cost efficient document workflow is within everyone's reach!

- Standard A3 printing, copying and scanning
- High productivity at 16/20 pages per minute (ppm)
- Standard duplexing saves you time and money (MP 2000Le)
- Exceptional paper handling, now and in the future



# Standard Features to Facilitate your Document Flow

Printing files, copying documents, scanning forms... these tasks still take up a considerable amount of your time. To make sure you can speed them up and focus on more urgent issues, the Aficio™MP 1600Le/MP 2000Le offer high output speeds, simple operation and easy networking. The ideal combination for a faster business pace!

## Integrated Scanning

To easily organise and archive your information, you can use the Aficio™MP 1600Le/MP 2000Le's handy scan capabilities. Simply digitise directly from the device through the operation panel or make use of the TWAIN driver. Books and magazines can also be scanned: you can do so straight from the platen glass.



## Standard Printing with optional Networking Capability

Have a critical look at your document workflow and you will soon realise the importance of printing. Designed to handle any common office demand, the Aficio™MP 1600Le/MP 2000Le provide standard printing based on Ricoh's advanced Dynamic Data Stream Technology.

The optional network interface board offers you all that you need for seamless network integration. Its network functionality lets you easily share all its powerful capabilities within your workgroup.



Standard trays: 2 x 250 sheets (MP 2000Le)

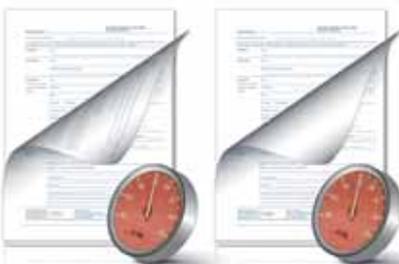
Optional trays: 2 x 500 sheets

## Continuity Guaranteed

Take care of any large print/copy job without interruptions, simply by adding the optional paper trays. Boasting an impressive paper capacity of 1,350/1,600 sheets, the Aficio™MP 1600Le/MP 2000Le have what it takes to effortlessly get you through the most demanding office tasks.

## Cost Saving Duplexing

Create double-sided prints and copies without compromising on productivity. As the Aficio™ MP 2000Le takes care of duplex output at simplex speeds, you need not worry about delays. Along with saving on paper costs, you safeguard the environment.



Duplex output at simplex speeds

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

# Full Featured Printing & Networking with Advanced Scanning Capabilities (optional)



## Full Featured Printing & Networking

Easy networkability and an improved print workflow are a certainty with the MP 1600<sub>Le</sub> and MP 2000<sub>Le</sub>. 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.

### Efficient Distribution

Distributing, organising and achieving your information is child's play with the MP 1600<sub>Le</sub> and MP 2000<sub>Le</sub>'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<sub>Le</sub>'s 30-sheet ADF. The MP 2000<sub>Le</sub> 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.

### High Tech Security

In recent years, information security has become a priority for many organisations. Therefore, the Aficio™MP 1600<sub>Le</sub>/MP 2000<sub>Le</sub> 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.

### Intelligent Faxing

With the optional fax unit in place, the MP 1600<sub>Le</sub> and MP 2000<sub>Le</sub> 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

## With the Environment in Mind

Like all Ricoh products, the Aficio™MP 1600<sub>Le</sub>/MP 2000<sub>Le</sub> reflect Ricoh's commitment to the environment with the usage of toxic free materials\*, limited ozone & noise emission and low energy toner production. The Aficio™MP 2000<sub>Le</sub> goes even further and offers eco friendly standard duplexing.

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



# Your Basic Office Needs Covered

What would you say to cutting down your document handling costs and at the same time optimising the speed of your workflow? As the Aficio™MP 1600Le/MP 2000Le combine multiple functionalities in one package, they not only improve your document flow but also make sure your budget stays intact.

## Multifunctional Performers

As office demands increase, so does the need to accelerate the way you work. Just think of the space, time and costs you save if one device takes care of all your office tasks. The Aficio™MP 1600Le/MP 2000Le print, copy and scan: a powerful combination in an ultra compact device, ready to be placed anywhere in your office.

## Easy Operation

You need office equipment that is easy to operate and maintain. Spending time on complicated user manuals and technical training is definitely out of the question. The Aficio™MP 1600Le/MP 2000Le make sure you can put your time to much better usage. With their straightforward operation panel and full front accessibility, anyone can print, copy and scan with the greatest ease. No expertise required in the long run either: the systems are virtually maintenance free.

## Superb Productivity

Complete your every day office tasks in no time and you can meet any deadline. As they merely need 15 seconds to warm up, the Aficio™MP 1600Le/MP 2000Le are instantly available. Your first print/copy is out in under 6.5 seconds and sets are produced at 16/20 pages per minute. Improved productivity at your fingertips.

## Exceptional Paper Handling

Need to create a specific document using thick paper? Using the Aficio™MP 1600Le/MP 2000Le's bypass tray, there are no limits to your creativity. For extra efficiency, you can make use of the handy one-bin tray. To cope with peak periods, one or two 500-sheet paper trays can be added.

## High Output Quality

Enhance your company's image with splendid business documents. The Aficio™MP 1600Le/MP 2000Le deliver the precise quality you are looking for. As originals are scanned only once, stored into memory and reproduced from there, output is impeccable at all times. Crisp and clean, your documents are set to leave a first class impression.



Full front accessibility for optimum ease of use and simple maintenance.



**A3**

## A3 Wizards

Spreadsheets, diagrams, insurance forms... these are but a few of the A3 applications you often use. Integrating full A3 compatibility, the Aficio™MP 1600Le/MP 2000Le meet your every print/copy requirement.

**16/20** pages per minute



The Aficio™MP 1600Le/MP 2000Le print, copy and scan: a powerful combination in an ultra compact device, ready to be placed anywhere in your office.



# Aficio™ MP 1600Le / MP 2000Le

## Specifications



### COPIER

Copying process:	Laser beam scanning/ marking & 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 1600Le: 1 x 250-sheet paper tray 100-sheet multi-bypass tray MP 2000Le: 2 x 250-sheet paper trays 100-sheet multi-bypass tray Duplex tray Maximum: MP 1600Le: 1,350 sheets MP 2000Le: 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 2000Le):	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 2000Le):	64 - 90 g/m <sup>2</sup>
Reproduction ratios:	4 reductions:	50, 71, 82, 93%
	3 enlargements:	122, 141, 200%
Dimensions (W x D x H):	MP 1600Le:	550 x 568 x 420 mm
	MP 2000Le:	587 x 568 x 558 mm
Weight:	MP 1600Le:	Less than 37 kg
	MP 2000Le:	Less than 49 kg
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Operation:	1.28 KW
	Energy saver mode:	4.5 W



### PRINTER

Print speed:	16/20 prints per minute	
Printer language/resolution:	Standard:	DDST: 600 x 600 dpi
Interface:	Standard:	USB 2.0
	Option:	Ethernet 10 base-T/100 base-TX
Memory:	Standard:	MP 1600Le: 48 MB* MP 2000Le: 48 MB*
Network protocol:	TCP/IP, IPP (optional)	
Supported environments:	Windows® 98/Me/2000/XP/Server 2003	



### SCANNER

Resolution:	600 dpi	
Original size:	A5 - A3	
Bundled drivers:	TWAIN	

### 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/Server2003 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/11v2 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	



### 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:	4MB
Memory backup:	Yes	

### OPTIONS

- Feature Expansion Board
- Platen cover
- 30-sheet Auto Document Feeder (MP 1600Le)
- 50-sheet Auto Reverse Document Feeder (MP 2000Le)
- 1 x 500-sheet paper tray
- 2 x 500-sheet paper trays
- Accessibility handle option ( Main tray )
- Accessibility handle option ( Option tray )
- DDST Unit Type B ( Network )

\* Shared with other features ( Scan, Copy ).

# To be used with Feature Expansion Board.

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



ISO9001: 2000 certified  
ISO14001 certified

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