

Production Powerhouse



Aficio™ MP 1100/MP 1350

Production Power built to exceed your daily challenges

To help you accelerate your workflow and make your life easier, Ricoh – market leader in the light and mid production market – offers you a complete production workflow solution. From job receipt via creation to invoice. At the heart of this workflow, Ricoh offers the Aficio™MP 1100/MP 1350: production powerhouses built to exceed your expectations when pressure is at its peak. Engineered to make sure you can face and keep your customer's deadline, the MP 1100/MP 1350 offer unique features. The right choice for your business, all day, every day!

- Striking 135 pages per minute* simplex and duplex productivity
- Heavy duty design, built for peak volumes up to almost 2 million pages per month (MP 1350)
- Superior simplex and duplex registration (less than ± 0.5 mm)
- Up to 9 paper feed stations, all with A3 oversized capability, 8,500 sheet maximum capacity
- Full colour scanning at 80 images per minute
- Unique professional online finishing capabilities
- Top quality output at 1,200 x 1,200 dpi
- Large colour touch screen for easy viewing of stored documents

** (110 ppm for Aficio™MP 1100)*



Superior Specifications to Maximise your Output

Amazing Productivity

- designed to maximise throughput capacity
- 135 ppm simplex & duplex productivity (MP 1100: 110 ppm)

The Largest Paper Capacity Available

- maximum output capacity and flexible paper feeding from up to 9 paper stations
- 2 stations to handle post-process paper (like colour prints or copies)
- all stations support A3+ (330 x 458 mm) media handling
- reloading is possible while printing: non-stop operation no matter how long the run

Heavy Duty Design

- engineered to cope with daily workloads
- able to handle peaks of almost 2 million pages per month (MP 1100: 1.5 million)
- rugged design: you can rest assured the machine will run smoothly, even when pushed to the limit during peaks

Superior Simplex & Duplex Registration: Less than ± 0.5 mm Deviation

- meet your client's most strict requirements for accurate printing of forms etc.
- adjust the registration in 0.1 mm steps in case you need to print on non-DIN compliant formats

Top Quality Output

Thanks to 2 x 4-beam laser technology, the MP 1100/MP 1350 offer true 1,200 x 1,200 resolution for copying/printing and up to 1,200 dpi for scanning. Whatever volume you produce, the output will be stunning.

Full Colour Scanning at 80 Images per Minute

- scan colour originals at the same speed as black and white originals
- put colour (one-sided or double-sided) originals in the document feeder and scan them to any desired (e-mail) address in the world
- Batch mode: documents of 2,000 pages can be scanned as one single set

Unique Professional Online Finishing Capabilities

The finishing of output is probably the most labour intensive job in the production world. By adding the optional BK5010 professional booklet maker you can create output with the look and feel of a perfectly bound book at a fraction of the cost. With the GBC StreamPunch™ III all your output can be punched, avoiding the tedious manual punching and saving up to 90% of time to create spiral bound output.

View Stored Documents on the Large Touch Screen

Thanks to this function you will be able to view all the files stored on the machine's Hard Disk Drive as well as scanned files. This means that colour scanned files can be viewed as a thumbnail – zooming in to see details is possible too. Obviously protected files are excluded from this function unless you have a password.



Empower your Workflow from Input to Output

As professional you deliver the service your customers expect. Designed to optimise the performance of mission critical environments, the Ricoh Aficio™MP 1100/MP 1350 efficiently take care of your entire production process. From preparing jobs to professional finishing and cost accounting, these power devices go way beyond conventional printing.

Easy Input

Electronic/digital. The Aficio™MP 1100/MP 1350 take the complexity out of high volume:

- job programming only a few screen touches away via the colour LCD panel
- simplified display for increased accessibility so even new operators can work quickly with the machine
- easy browsing through scanned data using list or thumbnail view
- clear animation guidance in case of irregularities

Finish Professionally.....

- unique stapling capabilities
- automatic punching for all popular wire-binding styles
- booklet making & book folding



Intelligent Storage

All jobs can be stored for print on-demand whether it regards an electronic file, scanned file or combination of both. Settings are included too which eliminates reprogramming if a client orders more copies later. Viewing stored files is important for easy finding and editing without printing.

Efficient Editing

Professionally edit and enhance documents using the optional DeskTopEditor For Production:

- deskew and despeckle
- make changes page by page and total set
- remove punch holes and grey margin areas, reduce noise
- combine files from different sources and formats (and store)

doc-Q-manager Workflow Software

- job ticketing of print jobs
- print queue management
- variable data printing
- job splitting over multiple engines

Customer Specific Applications

Featuring the Java™ (J2ME™) compatible Embedded Software Architecture™, Aficio™ devices boast unique customisation possibilities. By running specific key applications, you obtain total integration in your business infrastructure. For more information, please visit www.ricoh-developer.com.



Flexible Scanning

- up to 100 single or double-sided originals
- up to 2,000 originals can be fed using Batch mode
- colour scanning

Effective Cost Accounting

Cost allocation made transparent. Using the Equitrac Office™ and MicroPress® software, you have the tools to accurately keep track of all print/copy costs and allocate them to the appropriate department/customer.

Uninterrupted Production

- a maximum paper capacity of 8,500 sheets
- 9 different paper sources and automatic tray switching
- load while run convenience for paper, new jobs and toner
- impressive output capacity
- 2 toner bottles for a total of 120,000 A4 pages
- duplexing at full engine speed (110/135 ppm)

Web Based Remote Monitoring

Remotely check the device status, manage networked systems and restrict usage if necessary; it can all be done from your desktop using Web SmartDeviceMonitor™ and Web Image Monitor.

In Control of your Work

Depending on your workflow, Ricoh offers three different controllers, each of them designed to meet specific requirements. Choose the controller that fits you best and ensure optimum performance from your Aficio™MP 1100/MP 1350.

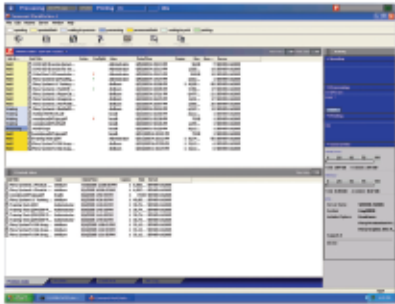
Embedded Controller

With the entry level embedded controller, you have full access to all the MP 1100/MP 1350's features. Featuring Ricoh's unique printer language RPCS™ and its icon based interface, any print job is only a click away. With the genuine Adobe® PostScript® 3™ module you can obtain the exact output you specified: fast and reliable.

Fiery® EB-135 for Extended Print Performance*

The powerful external controller EB-135 offers full Fiery® functionality and incorporates a variety of utility programs such as Command Workstation to print in record time. Offering easy job composition, job queue monitoring and new features such as hot folders to automate your workflow, this controller gives you the power to meet any demand.

- straightforward printing of genuine Adobe® PostScript® files, complex graphics and variable data output
- fast ripping of heavier (PDF) files
- easy integration into existing Fiery® workflow of the MP 1100/MP 1350



The powerful external controller EB-135 offers full Fiery® functionality and incorporates a variety of utility programs such as Command Workstation to print in record time.

MicroPress® for Maximum Productivity*

The MicroPress® option consists of a very powerful controller and a complete workflow solution in one package. It offers advanced scanning, job composition and production printing capabilities. It is available for a single engine, but also to steer multiple engines including clustering features and/or a combination of colour and black and white documents. MicroPress® offers a wealth of editing features: you can program each print job from your desktop and afterwards send it to the machine. Ideal for printing on-demand as data is stored in a post-RIP format which saves ripping time.

* For availability, please check with your local supplier.

DeskTopEditor For Production

Ricoh's entry level editing solution allows you to easily edit, despeckle, deskew your files both page by page, or as an integral file. You can also combine paper and electronic documents and save or print them as one document.

doc-Q-manager

This entry level workflow solution offers you powerful features such as job ticketing, job queue management, job splitting as well as merging variable data with a pre-formatted document. You can also expand this software solution in such a way that print jobs will be re-routed to the output device that is most efficient to print for optimised print costs.



Ricoh's entry level editing solution DeskTopEditor For Production allows you to easily edit, despeckle, deskew your files both page by page, or as an integral file.

Professionalise Finishing

Finishing is one of the most labour intensive daily tasks. Let the Aficio™MP 1100/MP 1350 take over tedious manual tasks and automatically create high quality finished documents in a fraction of the time it used to take!

A Wealth of Possibilities

Customer expectations for complex, finished presentation materials, reports and folders are on the rise. The MP 1100/MP 1350's wide range of online finishing capabilities includes punching (MP 1100 only), stapling, folding, saddle stitching and professional booklet making. You can even include up to 9 different kinds of paper in one job. Everything you need to accommodate your highly specialist needs, add value to your documents and capitalise on your print room's potential.

Exceptional Cover Insertion

- insertion of colour or pre-printed front and back cover for product catalogues, user manuals and brochures with the dual station cover feeder

Eye Catching Booklet Making

Connect the BK5010 booklet maker and TR5010 trimmer to produce accurate and sharp folded A5 and A4 booklets. This state-of-the-art booklet making solution, which can be used in both online and offline conditions, automatically folds and saddle stitches booklets of up to 120 pages.

Online Book Folding

- automatic creation of square back booklets with the same look and feel as perfectly bound books

Ready to Bind Documents

Forget about manually punching documents offline and hand loading each individual lift of paper into a separate table top punch. With the matching GBC StreamPunch™ III unit you obtain perfectly punched and ready to bind documents at the touch of a button.

Advanced Z-folding

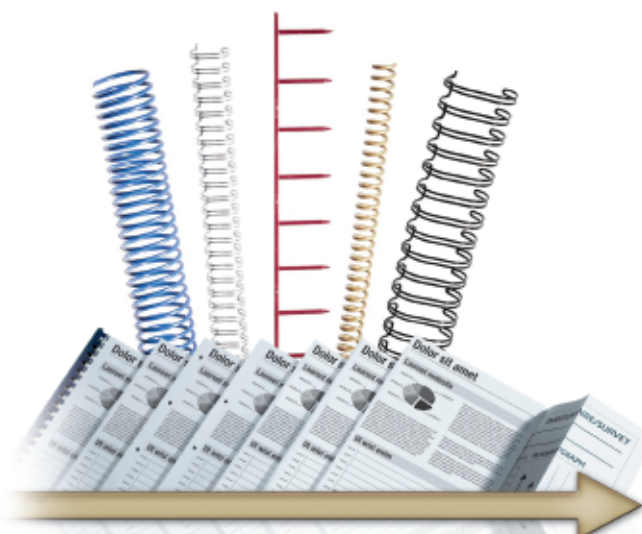
Including A3 charts and tables in an A4 presentation is very straightforward. The handy Z-folder unit automatically folds A3 sheets into A4, or A4 documents into A5 and allows for the seamless integration of larger sheets in smaller sized sets. The simple answer to complex jobs.



Easily insert front and back covers with the dual station cover feeder.



Accurate folding, exact stapling and trimming: using the BK5010 booklet maker, you can create booklets of the highest professional quality.



The GBC StreamPunch™ III smoothens your finishing process by efficiently providing ready-to-bind documents at the touch of a button, eliminating the need to manually punch your output offline.



Aficio™ MP 1100/MP 1350

Specifications



COPIER

Copying process:	2 x 4-way laser diode array & electro photographic printing	
Copy speed:	110/135 copies per minute	
Resolution:	Output: 1,200 dpi/scan: 600 dpi	
Multiple copy:	Up to 9,999	
Warm up time:	Less than 360 seconds	
First output speed:	MP 1100:	3.2 seconds
	MP 1350:	3 seconds
Zoom:	25 - 400% (in 1% steps)	
Memory:	Hard Disk Drive:	320 GB (2 x 160 GB)
Paper input capacity:	Standard:	2 x 1,000-sheet tandem trays 2 x 500-sheet paper trays
	Maximum:	8,500 sheets
Paper output capacity:	Maximum:	3,000 sheets
Paper size:	Minimum:	100 x 140 mm
	Maximum:	330 x 458 mm
Paper weight:	52 - 216 g/m ²	
Duplexing:	Standard	
Dimensions (W x D x H):	870 x 860 x 1,476 mm	
Weight:	Less than 305 kg	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	MP 1100: Less than 3.5 kW MP 1350: Less than 4 kW

PRINTER/SCANNER (option)



Printer

Print speed:	110/135 prints per minute	
Printer language/resolution:	Standard:	
	PCL5e:	300/600 dpi
	PCL6:	600/1,200 dpi
	RPCS™:	200 - 1,200 dpi
	Option:	
	Adobe® PostScript® 3™:	600/1,200 dpi
Interface:	Standard:	Ethernet 10 base-T/100 base-TX USB 2.0
	Option:	Bi-directional IEEE 1284 FireWire (IEEE 1394) Wireless LAN (IEEE 802.11b) Gigabit Ethernet Bluetooth USB Host
Memory:	Standard:	512 MB with additional 256 MB
	Hard Disk Drive:	320 GB (2 x 160 GB)
Network protocol:	TCP/IP, IPX/SPX, SMB, EtherTalk (Auto Switching)	

Supported networks:	Windows® 95/98/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, HP-UX 10.x/11.x
	SCO OpenServer 5.0.6
	RedHat® Linux 6.x/7.x/8.x
	IBM® AIX v4.3/5L v5.1
	Macintosh 8.6 - 9.2.x (OS X Classic), Macintosh X v10.1 or later (native mode)
	IBM® System i5™ HPT mySAP™ ERP 2004



Scanner

Scan speed:	80 originals per minute (A4)	
Resolution:	100 - 1,200 dpi (B/W and full colour)	
Maximum original size:	A3+	
Output formats:	PDF, JPEG, TIFF	
Bundled drivers:	Network TWAIN	
Scan to e-mail:	Authentication:	SMTP and TCP/IP required
	Destination address selection:	Via LDAP, local address book or direct input
Destination addresses:	Up to 500 from local address book, up to 100 via LDAP	
Stored destination addresses:	Maximum 2,000	
Scan to folder:	Via SMB, FTP or NCP protocol, up to 50 folders per job	



Software

Standard: SmartDeviceMonitor™ for Admin/Client, Web SmartDeviceMonitor™, Web Image Monitor, DeskTopBinder™ Lite, ScanRouter™ Lite, TWAIN driver, Printer utility for Macintosh, Agfa Font Manager

Option: DeskTopEditor For Production, doc-Q-manager, doc-Q-route, Equitrac Office™, MicroPress®

OTHER OPTIONS

4,550-sheet A4 large capacity tray, 4,000-sheet A3 large capacity tray, 550-sheet multi bypass tray, Dual station cover interposer, 3,000-sheet finisher with jogger unit, Punch unit (MP 1100 only) (2/4 switchable hole punch, Scandinavian 4 hole punch), Saddle stitch unit, Professional booklet maker, Z-folder, GBC StreamPunch™ III, Data Overwrite Security Unit, Copy Data Security Unit, File Format Converter, Copy Connect kit, Browser unit, VM card, Fiery® EB-135 printer/scanner controller

For availability of models, optional apparatus and software, please contact your local Ricoh representative.



Adobe PostScript 3™



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ISO9001: 2000 certified
ISO14001 certified

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