

## Specifications

### General

Configuration:	Console with standard ARDF
Printing Processing:	4 way Laser Diode Array & Electro-photographic printing Dry, dual-component
Scanning Element:	4 channel CCD
Originals:	Sheet/Book
Original Size (Platen):	Maximum A3
Warm-up Time:	Less than 360 seconds
First Copy Speed:	3.8 seconds
Copying Speed:	105 cpm
Multiple Copying:	Up to 9,999
Memory:	48 MB x 2 (RAM) 10.2 GB x 2 (HDD)
Original Feeding:	Standard ARDF
Stack Capacity:	100 sheets (up to 1,000 using Batch Mode)
Original Size (ARDF):	Minimum A5 Maximum A3
Original Weight:	40 - 156 g/m <sup>2</sup>
Scanning Speed:	72 A4 originals per minute
Resolution:	600 dpi Up to 2,400 x 600 dpi (printer)
Grey Scale:	Scanning: 256 levels
Paper Size:	Minimum A5 (210 x 154 mm) Maximum A3 (420 x 297 mm)
Paper Weight:	52 to 216 g/m <sup>2</sup> (Simplex) 64 to 163 g/m <sup>2</sup> (Duplex)
Paper Capacity:	
Maximum Capacity:	7,550 sheets
Tandem Tray:	2 x 1,000 sheets
Tray 2 and 3:	500 sheets
Tray 4 and 5:	1,000 sheets
Tray 6:	2,550 sheets
Magnification Ratios:	
Enlargements:	115, 122, 141, 200, 400%
Reductions:	93, 82, 75, 71, 65, 50, 25%
Zoom Range:	25% to 400% in 1% steps
Power Consumption:	Maximum 3 kW (Full system)
Dimensions (W x D x H):	2,218 x 735 x 1,476 mm (Full system)
Weight:	390 kg (Full system)

### Finisher SR810

Output Capacity:	
Proof Tray:	500 sheets
Shift Tray:	3,000 sheets
Stapling:	100 sheets maximum 4 different positions (Top, top slanted, bottom, 2 in middle)
Punching (Option):	2 holes, 4 holes, 4 holes Swedish style

### Other Features

APS/AMS	
Auto Paper Tray Switching	
Stamp Features:	Page Numbering, Preset Stamps, User Stamps, Date Printing
Erase Centre/Border	
Margin Adjustment	
Image Shift	
Centring	
Booklet and Magazine Mode	
Auto Start	
Sample Set	
Job Preset (Up to 10 jobs)	
User Program:	25 programs

### Options

Copy Connector Kit Type 850	
PrintCon850	
Controller EB-105	
Booklet Maker SR85	
CD-R/W (Reader/Writer)	
Interface Board 850	
A3 Tray Kit Type 850	
2-hole Punch	
4-hole Punch	
4-hole Punch (Swedish style)	



Ricoh has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Ricoh has been granted a certificate of ISO 9001, which is the International Standard for Quality Systems.

Ricoh believes in conserving the earth's precious natural resources. This brochure is printed on environmentally friendly paper.

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# RICOH

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Aficio™ 1105

# Aficio™



Digital, the High-volume Solution  
for the Reprographic Environment

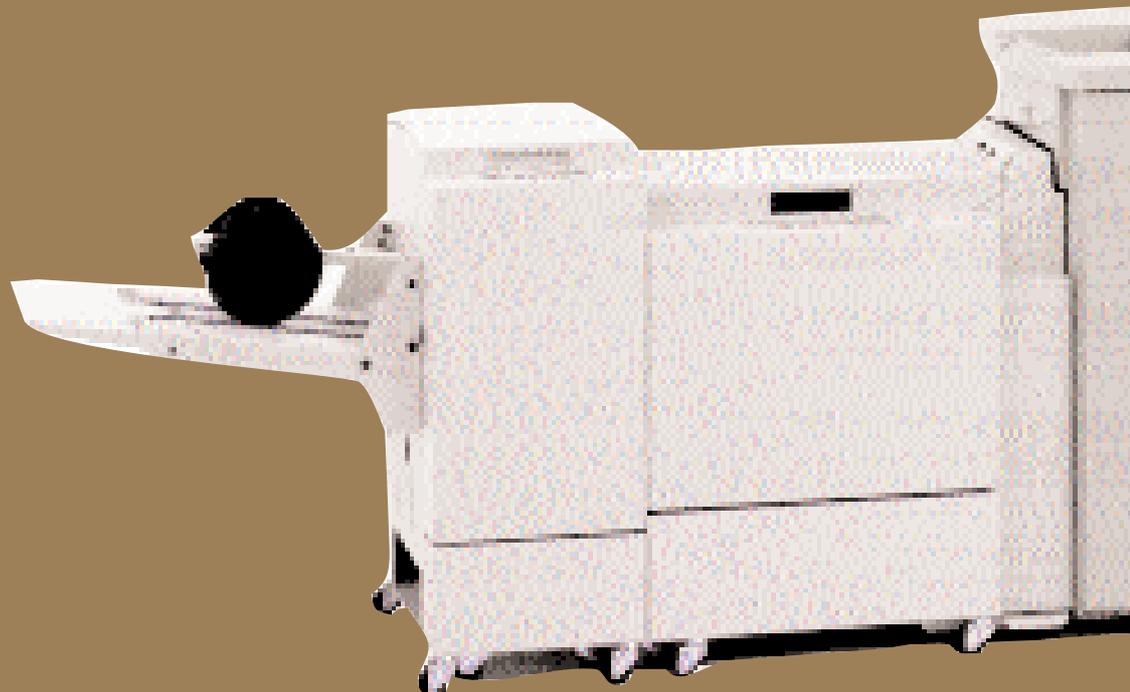
# The Digital Print Station for Non-stop Productivity

The Aficio™1105 is the latest addition to the Ricoh range of digital high-volume solutions. Extremely powerful, the Aficio™1105 is designed for non-stop copy and print runs. An excellent combination of high quality output, top productivity, and unlimited capacity, this machine is a dream come true for high-volume users.

One Aficio™1105 already produces a stunning 105 pages per minute, but thanks to the copy connector kit, you can link two machines for a record output speed of 210 ppm! Moreover, the Aficio™1105 can be turned into a high-volume printer by adding the optional printer module.

Apart from being unbelievably fast and versatile, the Aficio™1105 also offers all the benefits of real digital technology, eliminating the limitations of traditional methods. Once originals are scanned and stored into memory, they can be reproduced as often as you like. From the first set to the last, your output quality will always meet the highest standards.

The Aficio™1105 offers truly groundbreaking high-volume performance that meets the high demands of your reprographic department.



# ... that will prepare Your Reprographic Department for the Future.

**Working with high volume often means working under pressure. Collecting and preparing originals, finishing the scheduled jobs, and squeezing in emergency jobs whenever required. Now Ricoh has come up with the solution: one digital copy/print station that can handle all your reprographic needs!**

High-volume jobs are not only time-consuming, but also labour-intensive. Even when nothing goes wrong, it can be a struggle to get through the workload. Once all the preparatory work has been taken care of and output exits the machine, there is still sorting and finishing to be done. At the same time you have to monitor the machine, replenish paper and toner when necessary and set new originals for the next job. Moreover, you have to deal with all this in a noisy and stressful working environment.

Ricoh can now offer a digital print solution that will eliminate these bottlenecks and help you cope with the time pressure. The digital Aficio™1105 has been designed to work without interruption. With one scan of your document this copier/printer can deliver virtually unlimited quality output. For optimised workflow efficiency, you can scan in new jobs while the machine is in full operation. The finisher of the Aficio™1105 will take care of all sorting, stapling and punching. It does not require any extra work from you.

From now on you do not have to worry about running out of paper or toner, as this machine is equipped with large supplies to guarantee an uninterrupted production flow. Should the workload become even heavier, you have the option to connect two machines for double productivity. Even booklet making is no longer a time-consuming activity. With the optional online booklet maker installed on the Aficio™1105, you can obtain professionally stapled and trimmed booklets without putting in much effort.

The digital Aficio™1105 reduces stress, improves efficiency and increases productivity. That is why it is the solution for your reprographic department.



# Top-speed Copy/ Print Performance

With a schedule as tight as yours, everything needs to move fast. The Aficio™1105 offers a record scanning speed and ultra-fast printing. No matter what kind of job you need done, which type of finishing it requires, or how large the volume, this copier/printer guarantees on-time delivery at 105 ppm.



The ARDF can handle sets of up to 100 sheets. In combination with Batch Mode, documents of up to 1,000 originals can be copied as one set.

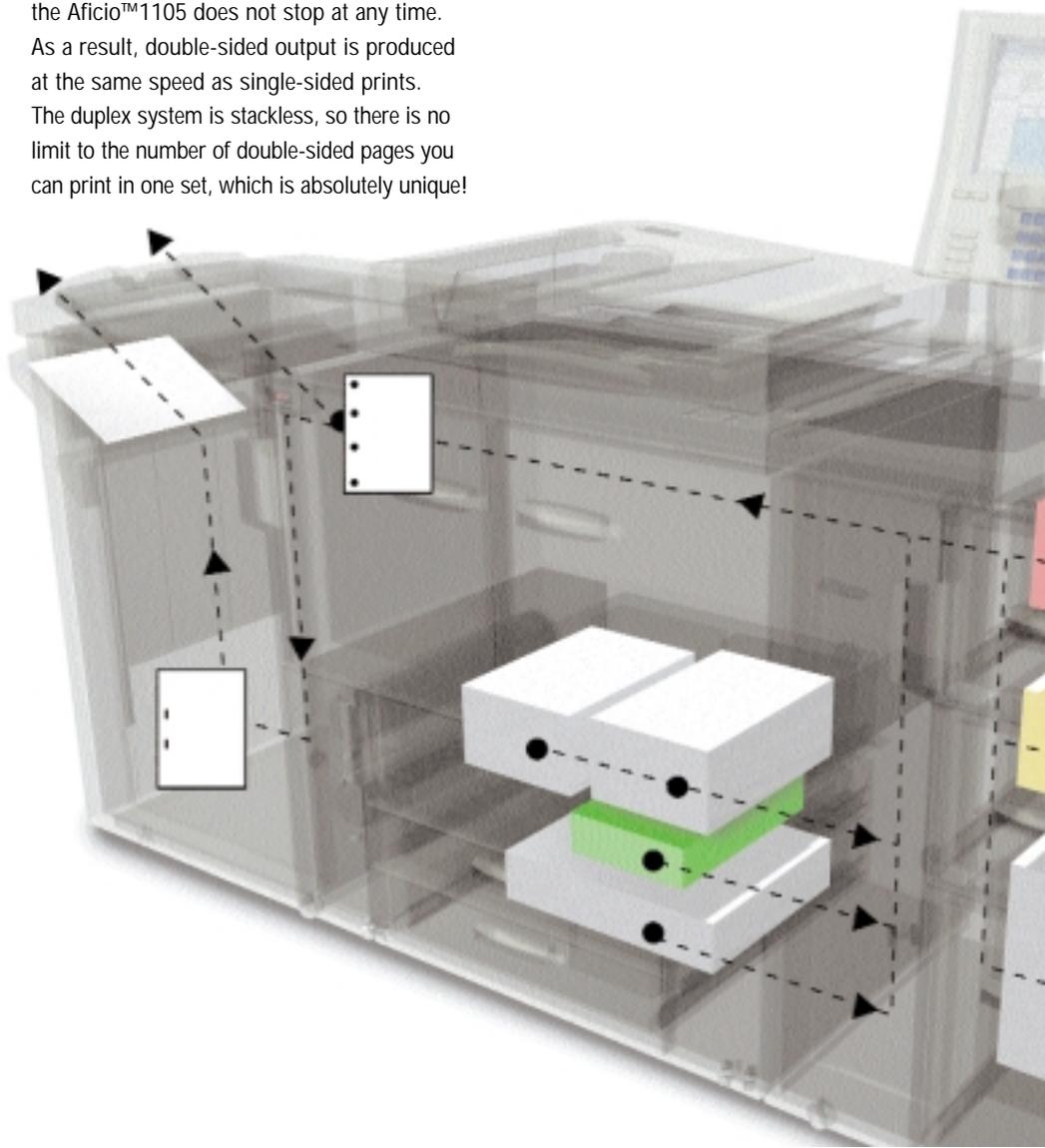
**Ultra-fast Copying/Printing**  
Digital is the key to the Aficio™1105's superiority. It scans originals at a record speed of 72 originals per minute, instantly storing them into memory. This means they can be reproduced as often as you want, and you don't have to feed the originals each time you need a new set. With the Aficio™1105, the problems of recurrent feeding, damaged originals, diminished quality, and continuous noise are officially in the past. With a continuous speed of 105 copies/prints per minute, the Aficio™1105 delivers ultra-fast, top-quality output from a single pass!

## Amazing Duplex Productivity

Creation of double-sided output can significantly affect the performance of some machines and create bottlenecks in production. Not with the Aficio™1105, however. Making use of an advanced duplex system with fast processing memory and advanced paper-timing control, the Aficio™1105 does not stop at any time. As a result, double-sided output is produced at the same speed as single-sided prints. The duplex system is stackless, so there is no limit to the number of double-sided pages you can print in one set, which is absolutely unique!

## Productive Finishing

Even the finisher on the Aficio™1105 is designed for 100% productivity. When one document is being stapled the next is being processed on a separate path. As a result, the Aficio™1105 always maintains optimum speed when stapling. Equally, the optional punch unit has no effect on productivity. The Aficio™1105 produces all documents in one continuous flow at 105 ppm.



# Non-stop Input, Throughput, Output

The Aficio™1105 is the solution for trouble-free and uninterrupted quality output. One of its major assets is its "Scan Once, Print Unlimited" technology, which results in unlimited input and output capacity.

You can also scan new jobs while the machine is in full production. Moreover, paper is in abundant supply and can be added while copying. Additionally, copied sets can be removed from the Finisher while the machine continues producing 105 prints per minute. With the Aficio™1105, your repro department reaches productivity levels you have not seen before.

## Scan Once, Print Unlimited

Thanks to Ricoh's unique breakthrough technology each original is scanned just once no matter what output quantity is required. All copies are produced from memory. This means you do not have to replace or reset originals during large jobs to maintain superior output quality.

## Continuous Input

The Aficio™1105's Auto Reverse Document Feeder takes up to 100 sheets of either single or double-sided originals. But what do you do when you have a document of more than 100 sheets? Equipped with Batch mode, the Aficio™1105 allows you to scan in documents of up to 1,000 originals in the memory and copy them as one set. So while the machine is printing, you will have your hands free to take care of other jobs. When the job is finished, you can collect your output as one set, which will save you time.

## Scan-while-printing

Up to 10 new jobs can be scanned and programmed for immediate production while the machine is printing. After scanning the different documents into memory you can leave the Aficio™1105 to handle the job and do something else in the meantime, or start collecting the output for further processing. Either way, your print room productivity will significantly increase.

## Non-stop Paper Supply

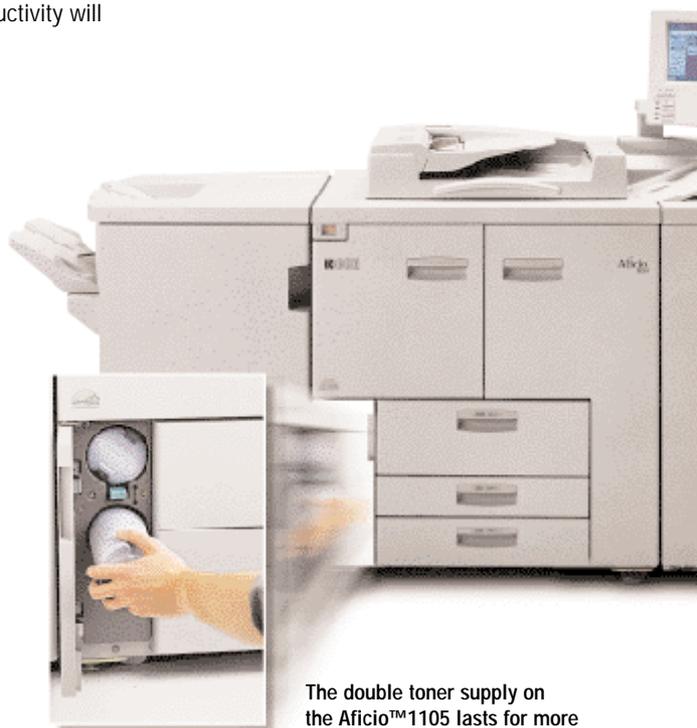
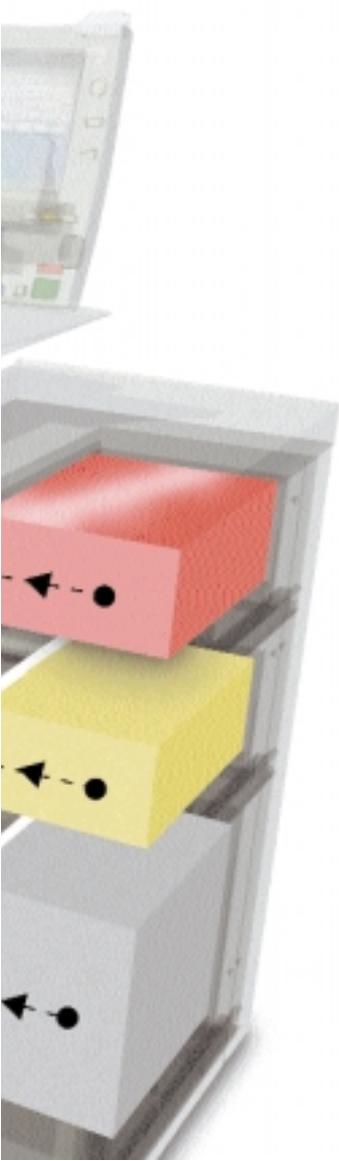
When time is tight, running out of paper is a burden. With its paper capacity of 7,550 sheets, the Aficio™1105 takes care of this. Not only is paper available from 6 different trays, the system also switches to the next tray automatically when the current one runs out of paper. As all trays can be refilled during copy jobs, production never stops.

## Long-lasting Toner Yield

Equipped with two high-yield toner bottles, the Aficio™1105 can print without interruption for more than 100,000 copies. As there are two bottles, the copier/printer switches automatically to the other when the first is empty. You do not even have to interrupt your workflow to replenish toner. Whilst you change one bottle, the Aficio™1105 is already making use of the other.

## Infinite Output

The Aficio™1105 is equipped with a large-capacity Finisher of 3,000 sheets. Sets can be removed while the machine is in full operation, so there is always space for more. Non-stop productivity becomes a reprographic reality!



The double toner supply on the Aficio™1105 lasts for more than 100,000 copies/prints.

# Original Quality

**You need a copier that is not only fast, but also guarantees the same superb quality output from the first to the last set, no matter how many you print. Thanks to its digital technology, Ricoh's Aficio™1105 doesn't compromise on quality for the sake of productivity. Your output will always look like an original.**

## No Generation Copies

The Aficio™1105 offers high-quality input and output. This digital copier scans originals just once and stores them into memory, from where they are reproduced as often as you want. An innovation that makes Recirculating Document Handlers obsolete. As originals are scanned only once, the risk of damage from recirculative feeding is eliminated. This will save you the time and cost of having to make master copies from your originals first. Moreover, because all subsequent prints are produced from memory, the quality will remain the same throughout the whole job, whether you are making 5 or 5,000 sets.

## Quality Output

You will not be disappointed by the Aficio™1105's quality performance. Equipped with Ricoh's advanced image processing technology, it prints and copies at up to 2,400 dpi resolution, producing crisp and clear copies/prints that look identical. It makes no difference what kind of paper you are printing on, whether plain white, colour, transparent or thick, the print quality is always immaculate.

## Copy from any Original

Thanks to its digital technology, the Aficio™1105 can copy from any kind of original. You don't even have to "prepare" your documents first, which is often the case with analogue copiers. To further ensure immaculate output of all types of originals, the Aficio™1105 has a variety of original modes. Text documents or originals combining image and text are best printed in the Text or Text/Photo mode, while for Photographic originals the Photo mode will yield the best results. Finally, Pale mode will ensure clear output of lighter originals.



Thanks to digital technology, all output from the Aficio™1105 has the same high quality.



# Unique High Volume Performance

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To optimise your Central Reprographic Department's performance, you need a complete printing solution that combines long copy runs, high quality and optimum flexibility in document handling. With Ricoh's Aficio™1105 you can enjoy the benefits of non-stop productivity, top-quality output up to the last set and a wide variety of finishing possibilities. This digital copy/print station achieves unparalleled high-volume performance.



Thanks to the unique Document Editor stored jobs can be easily updated.

## Print On Demand

You can print jobs whenever it suits you thanks to the integral Document Server. This allows you to store up to 250 regular jobs on the hard disk for retrieval at any time, including all job settings. It's a simple operation that will give you enhanced flexibility. Just scan your originals once, select job settings, and store them in the Document Server. In case you need additional storage capacity the optional CD-R/RW is the answer. On each recordable or rewritable CD up to 50 jobs can be stored. At the touch of a button you can print each job on demand, thus putting an end to large paper document storage and excess output!

## Change Stored Documents

Should you need to make changes to documents stored in the Document Server, this can be easily achieved through the integral Document Editor. At the click of a button you can add or delete pages to keep your documents up-to-date at all times. This will also help minimise paper waste.

## Customised Operation

Because not all reprographic departments are the same, and requirements can differ from one to the next, the Aficio™1105 is equipped with a set of Key Operator Tools. These allow you to customise your copier in such a way that it fully supports your specific needs. Not only will this further enhance your productivity, but it will also minimise chances of user errors.

## Sample Copy

In a central reproduction environment you cannot afford to make mistakes, as they cost money and take up time. Thanks to Sample Copy on the Aficio™1105, you can produce a proof copy of your document in order to check the result before making the remainder of the sets. Simply press the "Sample Copy" button. If you're not satisfied, you can easily change settings and check the result again. This way you can minimise time and money wasted in your repro department.

## Boundless Productivity

If you require even more output speed, flexibility or volume, you can opt for the Aficio™ Copy Connector Kit. This allows you to link two Aficio™1105 copiers/printers together, and double the output speed to 210 pages per minute. The system is so intelligent that if one machine goes off-line, the other completes the job. This Aficio™ Copy Connector Kit option offers what has until now been an unthinkable combination: flexibility and high speed.

## Variety of Paper Types

Each job has different requirements. As the choice of paper often varies, you need a machine that offers plenty of flexibility. The Aficio™1105 has been designed to support all types of papers up to 216 g/m<sup>2</sup>. Whether you want to copy on tab sheets or add thick covers or inserts to your documents, the Aficio™1105 always delivers optimum results.



You can connect two Aficio™1105s for enhanced flexibility and a top output speed of 210 pages per minute.

# Independent and Operator Friendly

The Aficio™1105 is designed to make your life easier. Thanks to a clearly organised touch screen display, it will only take you a few seconds to programme your jobs, while replacing consumables and paper can be done swiftly. As an added advantage, this copier/printer will always signal what is going on, so you can immediately take action should this be required. The user-friendliness of the Aficio™1105 will make your workflow more efficient.

## Wide Touch Screen

Programming jobs through the touch screen of the Aficio™1105 is very straightforward. All settings can be made and viewed in one screen, while keys are large and logically organised. You can even switch between two languages at the touch of a button. For enhanced convenience a clearly visible green/red light on top of the panel indicates what the machine is doing at all times. This comes in handy when you are otherwise engaged and not in front of the copier. Though the Aficio™1105 is designed for trouble-free operation, you will immediately be alerted by the red light should the machine go off-line. This way you can supervise the machine from a distance.

## Independent Operation

With traditional copiers you are bound to the machine if you want your jobs to be done one after the other, as each job has to be fed separately. The digital Aficio™1105, however, makes your life much easier. Simply scan all your jobs and set the Aficio™1105 to work. Thanks to the automatic start function, there is no need to press the start button for every job. Just let the machine take over until the last set of the last job is done. There is no reason at all to stop the flow of production or stay by the machine. The Aficio™1105 takes care of everything.

## Surprising Low Operation Noise

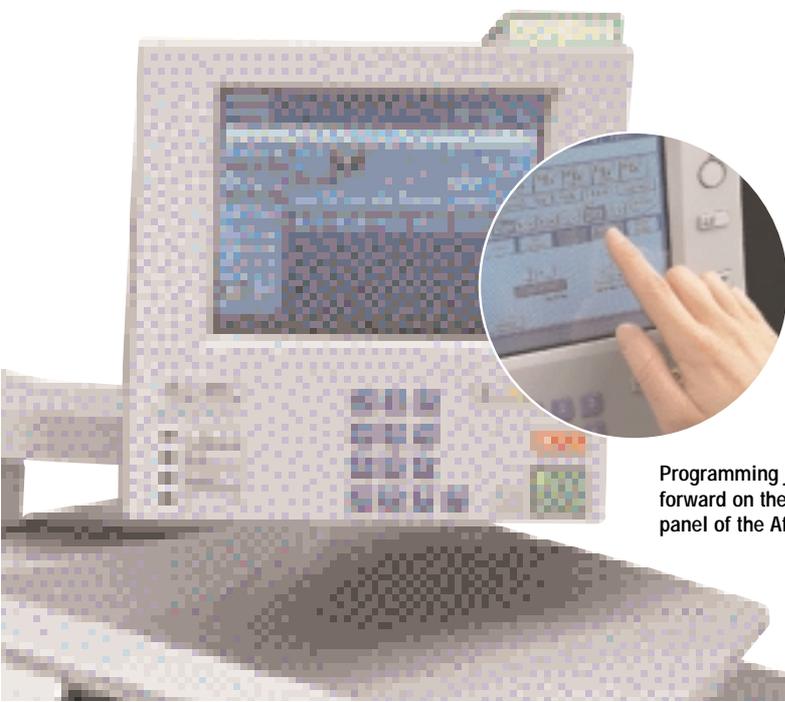
Working in a busy reproduction environment all day long, noisy machines can often cause tiredness and irritation. The Aficio™1105 will be a welcome addition to your repro department. Though designed for heavy duty, this copier/printer is at the same time remarkably quiet. Thanks to its Real Digital technology combined with the on-line Finisher, Ricoh has eliminated noisy Recirculating Document Handlers and sorter bins. With the Aficio™1105 you have even more document handling options at your disposal, but it makes far less noise. This will significantly reduce the stress level in your work environment and make it far more agreeable.

## Straightforward Replenishment

Paper can be replenished during operation, as the copier automatically switches to another tray holding the same type of paper when one is empty. In the same way, one toner bottle can be replaced while the other is in use. The staple station in the Finisher is also easily accessible from the front of the machine. This makes replenishment of staples simple and straightforward.

## Swift Recovery

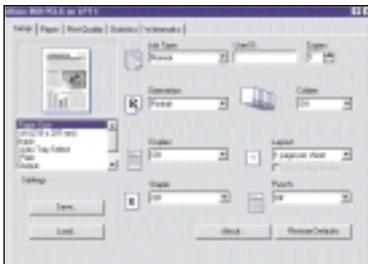
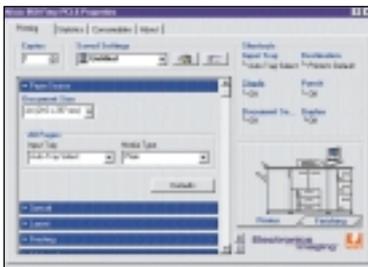
Designed for non-stop high-volume productivity, the Aficio™1105 is one of the most reliable copiers/printers you will find on the market. Should a problem occur, it will take only seconds to resolve. The location of any jammed paper will be clearly indicated on the LCD screen. Once you have removed the paper, the machine automatically resumes printing, exactly where the job was interrupted. As originals have been scanned into memory, you do not have to waste time feeding them again.



Programming jobs is very straightforward on the large touch screen panel of the Aficio™1105.

# High-volume Network Printing

With the optional printer module, the Aficio™1105 can provide the high-volume printing solution that best suits your needs. The Aficio™1105 becomes a powerful network printer with all the benefits of a high-volume copier. You can either print directly from a PC or store your job in the Document Server to print at your convenience. Adding the print module to the Aficio™1105 will really make your repro department ready for the future.



The user-friendly printer driver allows you to send your print jobs straight from your PC to the Aficio™1105.

## Optimised Printer Performance

When you regularly print large files, the Aficio™1105 is the ideal solution. This high-volume printer delivers prints at the spectacular speed of 105 ppm. Moreover, the speed always remains the same, whether you are printing single- or double-sided, with or without finishing options. As the printer controller supports PCL5, PCL6, and PostScript® 3™, it easily translates your files into crisp and clear output. Even PDF-files will now be processed quicker. The high resolution (up to 2,400 x 600 dpi) ensures the Aficio™1105 always delivers immaculate results, even for the largest jobs.

## Confidential Printing

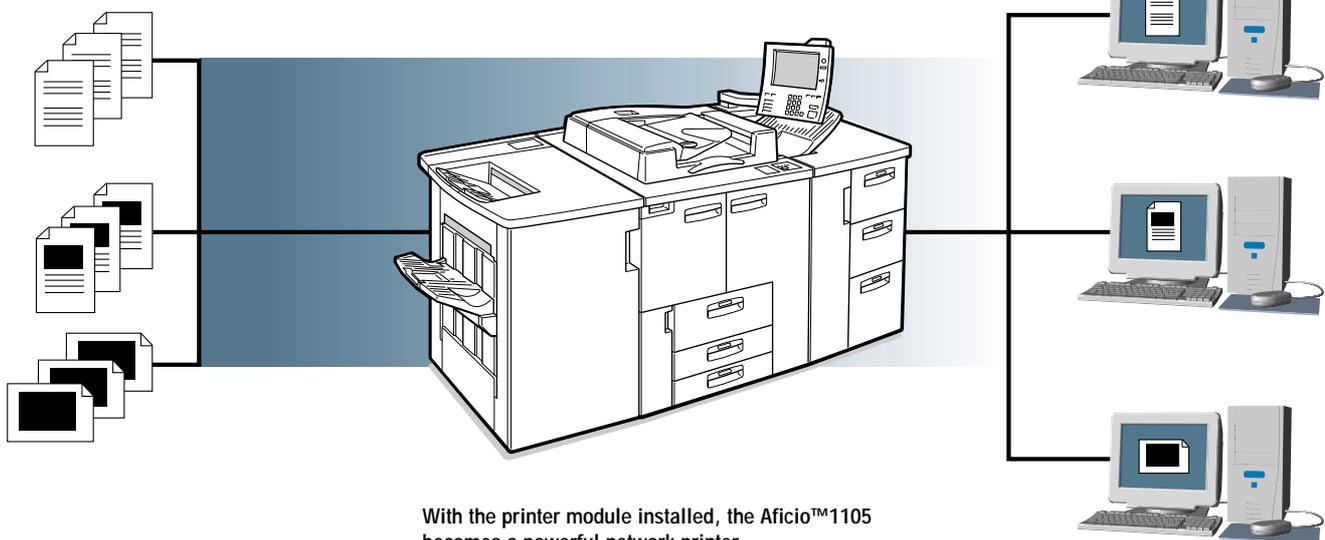
You may be printing highly confidential files and you do not want other people viewing or taking your prints in case you are held up. Simply send your documents to the Document Server and protect them with a password. That way you decide when the job will be printed. Access without password is impossible, so your documents will remain confidential.

## Integrate Paper and Electronic Documents

Now you can easily include paper-based originals into a print job. With the Document Server of the Aficio™1105 you can effortlessly combine print files and hardcopy originals into one document. Simply scan the pages you would like to include in your document and merge these in the Document Server with the print job you have sent from your PC. That way you obtain a completely tailor-made document updated with the latest available information.

## Easy Printer Management

A comprehensive package of printer management software comes bundled with the optional printer module. The Aficio™ Manager software for instance, will allow you to monitor and control the operational status of your network's printing activities. Via the task bar all essential in-progress information can be accessed instantly from your desktop. With Aficio™ Manager you can enjoy the benefit of easy management of your network printers in a user-friendly package. The driver also includes PortNavi™, a port status monitor software with Direct Print functionality, Recovery Printing functionality and Parallel Printing functionality to notify users when an error occurs to any of the network printers.



With the printer module installed, the Aficio™1105 becomes a powerful network printer.

# Unique Finishing Capabilities

With the Aficio™1105 in your repro department, there is no need to invest in standalone finishing facilities. The finisher on this all-in-one digital solution provides a wide variety of extremely productive finishing options. You can punch, staple, and use up to 5 different kinds of paper in one job.

With the optional booklet maker, you can also produce professional booklets of up to 80 pages on-line. Offering this unique set of finishing features, the Aficio™1105 packs everything you need to deal with your document handling requirements.



With the Aficio™1105 you cannot only add tab sheets, you can even print on the tab.

## 100-sheet Stapling

Thanks to the 3,000-sheet Finisher on the Aficio™1105, you will be able to provide your customers with professionally finished sets just the way they want them. Not only does it offer 1 or 2 staple(s) in no less than 4 different positions, but also staples documents of up to 100 sheets as one set! Depending on requirements, you can also opt to have either a 2-hole or 4-hole punch installed for increased flexibility. All this without jeopardising productivity!

## Add Printed Covers

Select Cover Mode to provide the perfect finishing touch to your copied sets. You can add a front or back cover, or both, and create professionally finished documents. Whether you need blank or printed covers, the Aficio™1105 provides all.

## Professional Output

With Slip Sheet you can create neatly organised documents by separating the different sections with a divider page in another colour. Even creating an appendix in your document is possible and very easy to program. The chapterisation function on the Aficio™1105 will make sure that if you are printing from simplex to duplex, each first page of a chapter is on the right hand side.

## Insert Tab Sheets

The Aficio™1105's paper path is designed in such a way that it can effortlessly support the heaviest kinds of paper, including tab sheets. This feature will save you a lot of time otherwise spent on manual insertion. By adding a tab sheet you can clearly see where the next chapter starts. With the Aficio™1105 you cannot only add tab sheets, you can even print on the tab.



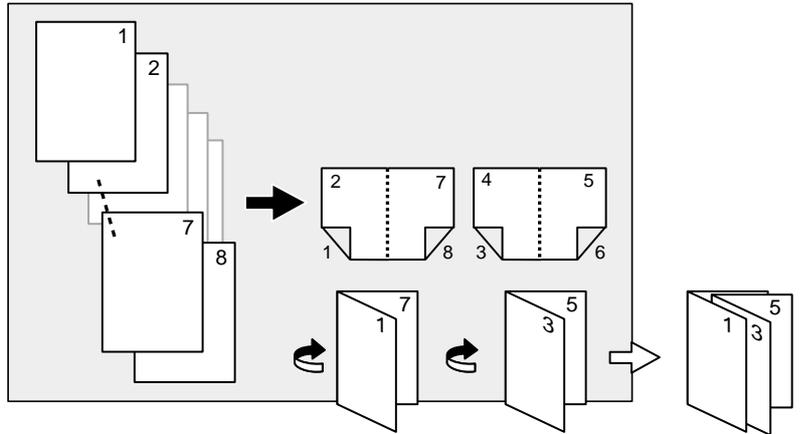
The finisher of the Aficio™1105 has a capacity of 3,000 sheets and staples up to 100 sheets as one set!

## Magazine Mode

If you select Magazine Mode, you can make A4 or A5 size magazines from single- or double-sided originals. Magazine Mode digitally re-paginates your scanned originals into high-quality booklets.

## On-line Booklet Making

When you add the optional on-line booklet maker on the Aficio™1105, you can easily produce professional booklets. This option will automatically saddle stitch the booklet, fold it and even trim the edges if you want. Making booklets has never been easier.



Magazine Mode allows you to make A4 or A5 size magazines from single- or double-sided originals.



With the on-line booklet maker it is very easy to produce professional booklets.