

# RICOH FW870

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The wide-format copier



**Large format copying from  
a compact source**

# Large format copying from a compact source

Do not be misled by its remarkably compact dimensions! Even though it saves you a huge amount of space, the Ricoh FW870 is great at making large format copies. Be they plans or schematics, with a first copy in 18 seconds and up to 7.5 A1 copies per minute it boasts good productivity, while 2 roll media feed and the option of a third give it huge paper flexibility. Its front operation, acceptance of different originals and automatic density control make it a remarkably user-friendly unit. Combine this with excellent copy quality, precise margin adjust and you have just met the ultimate in wide-format copying.

## Big on user-friendliness

Making oversized copies with the Ricoh FW870 is easy. Because of the front operation and a wide range of user-friendly features, feeding large format originals and receiving copies at the same time is easy.

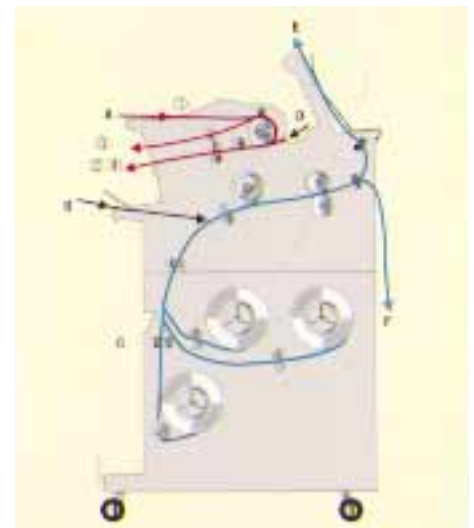
### Auto-mode

The auto-mode sees to it that anybody can make one or several perfect large format copies, from almost any size or colour of original. It is difficult to make mistakes. Multiple copies can be made up to A0 at the mere touch of a button without having to refeed the original. Multiple A0-size copies are stacked at the back of the copier. The unit automatically cuts precisely to the length of the original. Alternatively, originals can be copied onto and cut to a variety of preselected sizes, while it is also possible to key in the exact length you want a copy to be. The FW870 is always a cut above the rest.



### Different media

Working with the FW870, you always have 2 standard on-line rolls and a third optional roll available, as well as manual feed station. This offers you a wide choice of on-line media, so you can copy onto various types or sizes of media: plain paper, tracing paper, polyester film, etc. Per paper station the correct fusing temperature can be programmed. This means that as soon as you change media, the Ricoh FW870 automatically changes to the right temperature.



### Paper Path

- A: Original Path (1-4)  
Switching back for multiple copies (3)
- B: Paper from the manual feed
- C: Paper from the roll
- D: Original Path from Rear Feeder
- E: Upper Copy Exit
- F: Lower Copy Exit



### 9 User programs

The FW870 enables you to customize certain tasks to suit individual needs. Frequently used settings are available at the touch of a button. They allow operators to switch instantly to their particular setting, saving time and increasing productivity.

### Clamshell design

Ricoh's clamshell design makes it extra easy for you to change toner cartridges. In the improbable event of a paper jam, the clamshell design makes for an easy solution to the problem.



### Tops in quality copying

The Ricoh FW870 comes equipped with Ricoh's high-quality imaging technology which is a guarantee for Ricoh's excellent copy quality. Lines, details and halftones are immaculately reproduced.

### Automatic density control

When copying, the automatic density control allows you to get the best possible image from any original, while it is easy for you to tackle contrast differences, shadows and backgrounds in paste-up originals.

### 26-step manual density control

With the FW870's unique 26-step manual density control you have complete mastery over your copy: you make it as light, sharp and clear as you want. It offers copy quality par excellence.

### Taking care of your original

More often than not originals are irreplaceable and therefore highly valuable. The FW870's transport system takes utmost care when it comes to originals. Transport wheels always handle the original from its back, protecting the image on the front at all times. Moreover, the front operating design sees to it that valuable and fragile originals can be handled safely.



### Highly productive

Doing more in less time is the sure way to success. The powerful Ricoh FW870 is designed to keep up with the pace of your information flow.

### High speed copying

At a speed of 5.4 m/min., with up to 7.5 A1-copies/min., and a first copy in 18 seconds the Ricoh FW870 boasts productivity. Add to this the supplementary efficiency of walk-up convenience and 9 user setting combinations and you will understand why saving time and increasing productivity are no idle words. You can copy from plain paper, tracing paper and polyester film to an even wider variety of formats and materials. This choice of on-line media is available to all users thanks to 2 standard rolls and a third optional roll that can be backed-up by a manual paper feed.

### Thoroughly professional

#### Margin adjustment

At the touch of a button you can adjust the margin on your copies. In 1 mm-increments up to 99 mm, the FW870 offers you the possibility to modify your copies to hanging files or notes or redundant margin spaces.



### Identical Format

100% is 100%. No more, no less. A scale adjust feature with high-precision increments down to 0.05% (!) ensures your copy is really 1:1. A very useful feature when exact copies are necessary.

### Test copy

You can save on time and material with the help of the test-strip feature. A 245 mm-long test copy allows you to control and adjust exposure settings before making your actual copies, which is very practical when it comes to making a copy of difficult originals.

### Partial copy-mode

When you only want or need a part of a plan or scheme, the partial copy-mode is your best option. With a key you indicate the beginning and the end of the part you want to copy and the FW870 takes care of the rest.



### Great for the environment

Recycling is more easily accomplished since components are specifically labeled for that purpose. Moreover, you will produce less environmental waste thanks to the longer-yield Organic Photo Conductor drum (OPC) and toner cartridge, while the energy-saver mode keeps an eye on electricity consumption. Noise levels are kept to a minimum, making the FW870 an agreeable colleague, you do not mind to have close to you.

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## FW870 Specification

<b>Configuration:</b>	Console
<b>Copying Process:</b>	Dry electrostatic transfer system
<b>Original Size:</b>	
<b>Maximum:</b>	914 x 3,600 mm
<b>Minimum:</b>	182 x 257 mm (B5 lengthwise)
<b>Thickness:</b>	35 to 187 $\mu$
<b>(Rear Feeder:</b>	35 to 1000 $\mu$ )
<b>Copy size:</b>	
<b>Maximum:</b>	914 x 3,600 mm
<b>Minimum:</b>	182 x 257 mm
<b>Copy Material Feed:</b>	2 rolls (standard) Manual bypass Paper weight: 51-134 g/m <sup>2</sup> Plain paper, transparent paper, polyester film
<b>Multiple Copying:</b>	Up to 10 (A0/A1) *Up to 20 by Service Programme mode

<b>Warm-Up Time:</b>	Less than 360 sec.
<b>First Copy Time:</b>	18 sec.
<b>Process Speed:</b>	5.4 m/min.
<b>Copying Speed:</b>	7.5 cpm/A1 4 cpm/A0
<b>Reproduction Ratio:</b>	1:1 ( $\pm$ 0.5%)
<b>Other features:</b>	Margin Adjustment Auto Start Emergency Stop Key Cut length Adjustment Energy Saver
<b>Power Source:</b>	220, 230, 240V/ 50 Hz, 60 Hz 7A
<b>Power Consumption:</b>	Less than 1.4 kW
<b>Dimensions (WxDxH):</b>	1230 x 690 x 1070 mm
<b>Weight:</b>	Less than 195 kg

## 3rd Roll Feeder Type A (optional)

<b>Roll Paper Width:</b>	210 mm to 914 mm
<b>Stock Capacity:</b>	1 roll
<b>Max. Length:</b>	150 m
<b>Core Diameter:</b>	76.4 mm $\pm$ 0.25 mm
<b>Max. Roll Diameter:</b>	175 mm
<b>Power Source:</b>	From Main Frame

Specifications are subject to change without notice.  
The colour/appearance of the actual product may vary from those shown in this brochure.

Rear Feeder

FW870



Operation Panel



**RICOH**  
Image Communication

Home Page: <http://www.ricoh-europe.com>

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