

Aficio™ 120

Aficio™



**The Digital Desktop Solution
for Small Workgroups**

RICOH
Image Communication

Straightforward Digital Copying

Small office environments in search of a basic copy solution offering digital quality output as well as time-efficient and user-friendly copying need look no further. Ricoh introduces the new Aficio™120: a compact, cost-effective and upgradeable digital A4 copier, ideal for offices with little and costly space but professional copy demands. Equipped with a user-friendly Toner Hopper Magazine, the Aficio™120 allows for optimised user-friendliness as supplies can be replaced quickly. Fast and easy to use, the Aficio™120 can effortlessly be turned into a fully capable printer for offices with expanding requirements. Combine these strengths and you obtain an excellent digital solution able to cope with your office's copy/print needs.



Digital Copying Made Simple

Equipped with Ricoh's advanced digital technology, the Aficio™120 provides your office with a very fast, high-quality and user-friendly copy solution. Not only will you enjoy its digital advantages, high productivity and top-quality output, the Aficio™120 also offers various upgrading possibilities ideal for growing offices.



The Aficio™120: optimum copy quality guaranteed at all times.



The newly designed Toner Hopper Magazine turns maintenance into an easy and hassle-free job.

Total Digital Copying

With the Aficio™120 your office will gain an extremely reliable digital copier. Fitted with Ricoh's advanced "Scan Once, Copy Many" technology, this system makes sure copy quality is guaranteed at all times. Simply take your original from the platen glass or optional ADF and resume with your work while your copies are made from the system's memory. Digital superiority also implies less moving parts which optimises the Aficio™120's reliability compared to conventional systems. Moreover, the Aficio™120 can deliver your output in easy-to-remove, practical batches. Plus, for extra time saving, copying and printing can be done simultaneously thanks to Dual Access while the Combine Copy function allows you to save on paper as well as time.

Top-quality Output

Creating professional documents requires digital image quality. With a resolution of 600 dpi, the Aficio™120 produces high-quality copies looking exactly like your original. As this digital system scans your document only once and stores it into memory before reproducing it, your copy output always lives up to the highest quality standards.

Time-efficient Copying

When you need only one copy, waiting for it can be very frustrating. The new Aficio™120 turns copying into a very time-efficient and productive process thanks to its ultra-fast first copy time of only 8 seconds. Continuing at 12 cpm, the Aficio™120 guarantees you won't waste valuable office time.

Optimal User-friendliness

Designed to make your office a smooth-running environment, the Aficio™120 is very easy to operate and maintain. Copy jobs, whether simple or complicated, are programmed in seconds

with the machine's straightforward and user-friendly control panel. In addition, the especially designed Toner Hopper Magazine makes maintenance of the Aficio™120 even more simple. When the Aficio™120 runs out of toner, changing the Toner Hopper Magazine is a clean and completely trouble-free job.

Smart Space-saving Design

Limited space requirements are not a problem for the Aficio™120. Extremely compact and light-weight, this copy solution fits into the smallest office space and can even be placed on your desktop! Ideal for small office environments looking for a space-saving yet highly advanced personal partner.

Easy Upgrading Capabilities

As well as offering top copy benefits, the Aficio™120 is fully upgradeable and can easily be turned into a convenient personal or network printer. No need for separate office units as this system offers total multi-functionality in a modular design. Installing the printer option as well as the 30-sheet ADF for handling larger sets, is very easy and done in an instant. You can even monitor all network printing from the convenience of your desktop with the advanced network management tool SmartNetMonitor™.

Environmentally Conscious

Boasting an environment-friendly design, the Aficio™120 highlights Ricoh's commitment to its conservation policy. As the Aficio™120 is equipped with a toner recycling system at the Photo Conductor Unit, there is no toner exhaust. Power consumption is also minimal thanks to the Energy Saver mode which switches the Aficio™120 into Low Power after a period of inactivity. In addition its limited ozone emission makes sure you won't experience any discomfort.



With the Aficio™120's straightforward operation panel, programming copy jobs is done in seconds.

Specifications

General

Configuration:	Desktop, stationary platen
Power Source:	220 - 240 V, 50/60 Hz
Power Consumption:	Less than 1.0 kW
Dimensions (W x D x H):	468 x 450 x 371 mm
Weight:	20 kg or less
Paper Size/Weight:	
Standard Tray:	A5 - A4 / 60 - 90 g/m ²
Bypass Tray:	A6 - A4 / 60 - 157 g/m ²
Input Paper Capacity:	
Standard:	1 x 250 sheets
Bypass:	1 sheet
Maximum:	251 sheets
Output Paper Capacity:	250 sheets

Copier

Copying Process:	Dry, dual component, electrostatic transfer system
Scanning Method:	Flatbed with moving CCD array image sensor
Resolution:	600 dpi
Greyscales:	256
Memory Capacity:	
Standard:	8 MB
Option:	32 MB
Copy Speed:	12 cpm
Warm-up Time:	Less than 20 seconds
First Copy Speed:	Less than 8 seconds
Multiple Copying:	Up to 99
Image Density:	Automatic and manual
Zoom:	50% - 200% in 1% increments
Platen Cover:	Standard

Printer (Option)

CPU:	Destiny ASIC D8401A 75 MHz (PowerPC 401 microprocessor embedded)
Continuous Print Speed:	12 ppm
Resolution:	
PCL5e/PCL6:	600 dpi
PS2:	300/600 dpi
Memory Capacity:	
Standard:	16 MB
Option:	32, 64 or 128 MB
Language:	PCL6/PCL5e, PostScript Level 2 Compatible (Option)
Printer Driver:	
PCL5e/PCL6:	Windows® 95/98/Me Windows® NT 4.0/2000
PostScript Level 2 Compatible (Option):	Mac 8.x/9.x
Fonts:	45 PCL fonts (35 Intellifonts + 10 True Type Fonts) 80 PS fonts (only available with PS option)
Interface:	
Standard:	Parallel Port IEEE1284 (ECP)
Option:	Network Port Ethernet 100 base-TX/10 base-T
Network Protocol:	TCP/IP, IPX/SPX, AppleTalk (Auto Switching)
Utility Software:	SmartNetMonitor™

Fax (Option)

Circuit:	PSTN, PBX
Compatibility:	ITU-T (CCITT) G3
Resolution:	200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi 8 x 3.85 l/mm, 8 x 7.7 l/mm, 8 x 15.4 l/mm
Modem Speed:	Max. 33.6 Kbps
Transmission Speed:	G3: 3 seconds (ITU-T #1 Chart, 200 x 100 dpi)
Compression Method:	MH, MR, MMR
Scanning Speed:	Less than 2.4 seconds (200 x 100 dpi, S.E.F.)
SAF memory:	
Standard:	1 MB
Page memory:	5 MB
Memory Backup:	Yes

Paper Handling (Option)

ADF	
Original Size:	A5 - A4
Original Weight:	52 - 105 g/m ²
Original Capacity:	30 sheets



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

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

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