

**We're in your corner.**

B&W & Color Copiers

Aficio® 450

The High-Performance Digital Imaging Solution

The Ricoh Aficio 450 is a complete, networkable digital multifunctional solution that combines fast 45 cpm output, unsurpassed digital image quality, advanced image processing, seamless network connectivity, maximum communications, and a host of built-in productivity features into one precision engineered high-performance at a fraction of the cost of standalone units.



Product Description

▣ General Features

- Capabilities include copying, faxing, network printing and network scanning
- Patented ABS Binary Image Compression for superb document reproduction and maximized image storage
- Uniquely designed vertical paper path for faster processing
- Stackless design allow limitless duplex jobs for sizes up to 11" x 17"
- Dual Laser Beams resulting in a quieter working environment
- Feed Reverse Roller System prevents double sheet misfeeds

▣ Copier Features

- Swift 45 copies per minute
- Crisp 400 dpi resolution in 256 levels of gray scale
- High performance features including Covers and Page Designate
- Electronic Sorting eliminates need for a mechanical sorter
- Standard 12 MB Memory, 1.6GB Hard Disk Drive

▣ Fax Features

- Optional 33.6 Kbps modem for 3 second per page transmission
- Intelligent auto "fallback" modem to compensate for poor phone lines
- Optional JBIG compression for superfast halftones transmission at 400 dpi
- Auto orientation adjustment for incoming / outgoing faxes
- Optional ISDN fax option for 64 Kbps transmission
- Batch Transmission and Serial Broadcasting
- Confidential reception (option)

▣ Printer Features

- Exceptional 600 DPI printing at 45 pages per minute
- Perfect for local or network printing with either PC or Mac
- Standard support for PCL6/PCL5e enables compatibility with all popular applications
- Optional Adobe PostScript 3 module for further enhancing productivity
- Ingenious image smoothing technology for super sharp printing of ledger size documents from letter size format

▶ **Scanner Features**

- Efficiently digitize, archive and manage paper-based documents, then effortlessly distribute them anywhere electronically
- Scan images up to 11" x 17" right from the Aficio 350 control panel
- Optional 50-sheet Automatic Reversing Document Feeder (ARDF)
- Crystal clear 400 dpi resolution, with 256 levels of grayscale for continuous high quality images

Product Specifications

▶ **Engine Specifications**

Image Process	Dry Process, Dual Component
Reading Element	Solid State Scanner
Resolution	400 dpi
Gray Scale	256 Levels
Power Source	120V/60Hz/6A
Dimensions (WxDxH)	23.6" x 25.6" x 28.3" (without options)
Weight	165 lbs.


[TOP](#)

▶ **Copier Specifications**

Warm Up	85 seconds
First Copy	3.2 seconds
Multicopy Speed	45 copies/minute (letter-size)
Standard Memory	12 MB
Quantity Indicator	1 to 999
Original Type	Book/Sheet
Original Size	Up to 11" x 17"
Copy Size	5 1/2" x 8 1/2" to 11" x 17"
Copy Type	Plain paper, transparencies, labels
Paper Supply	Dual 500 Sheet Trays
Bypass	50 Sheets
Paper Weight	16 - 42 lb.
Reproduction Ratios	25%, 50%, 65%, 73%, 78%, 85%, 93%, 100%, 121%, 129%, 155%, 200%, 400%
Zoom	25% - 400% in 1% increments


[TOP](#)

▶ **Printer Specifications**

Print Speed	35 ppm
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Interface	Standard: IEEE 1284, RS232
Network Interface	RJ-45 Connector (Optional)
CPU	100 MHz
Network Protocol	TCP/IP, IPX/SPX, EtherTalk
Topology	Ethernet 10/100BaseT
RAM Memory Capacity	Standard: 8 MB Optional: Up to 72 MB EDO DRAM
Hard Disk Drive	1.6 GB (Optional)**
Printer Language	Standard: PCL5e/PCL6 Optional: Adobe PostScript 3
Print Drivers	PCL5e for Windows 3.x/95/98, NT 4.0 PCL6 for Windows 3.x/95/98, NT 4.0 Adobe PostScript 3 for Windows 3.x/95/98, NT 4.0 and Macintosh OS 7.1 or later
Resolution	600/300 dpi
Fonts	Standard: 35 Intellifonts, 10 TrueType Fonts, 1 Bitmap Optional: 136 PostScript Fonts


[TOP](#)

▶ Facsimile Specifications

Circuit	PSTN, PBX, ISDN (option)
Compatibility	ITU-T G3, G4 (option)
Resolution	200 x 100/200 dpi Up to 400 x 400 dpi (option)
Data Compression	MH, MR, MMR JBIG(option)
Scanning Speed	.75 seconds
Modem Speed	33.6 Kbps
Transmission Speed	G3 - 3 seconds per page (without JBIG) G3 - 2 seconds per page (with JBIG)
Standard Page Memory	160 pages
Optional Page Memory	480 pages - requires 4MB memory expansion
Memory Backup	1 hour
Quick Dials	56 Numbers
Speed Dials	100 Numbers (1,000 with optional 4MB Memory Upgrade Card)
Group Dials	9 Groups (30 Groups with optional 4MB Memory Upgrade Card)


[TOP](#)

▶ Scanner Specifications

Configuration	Network Scanning Option with Axis 700 Scan Server
Optical Resolution	400 dpi
Scanning Speed	23 OPM
Document Size	Up to 11" x 17"
Compression Method	MH, MR, MMR, JPEG
Network Topology	Ethernet 10/100BaseT
Network Protocol	TCP/IP
Network Interface	RJ45
Memory Capacity	
Web Status Monitor	Standard


[TOP](#)

Product Accessories

▶ DF67 Automatic Reversing Document Feeder

Original Size	5 1/2" x 8 1/2" to 11" x 17"
Original Paper Weight	14-34 lb.
Original Stack Capacity	50 sheets
Scan Speed	23 opm (Aficio 450) 21 opm (Aficio 350)
Dimensions (W x D x H)	23.7" x 22.8" x 5.9"
Weight	26.5 lbs.

[▶ TOP](#)**▶ RT36 Large Capacity Tray**

Paper Size	8 1/2" x 11"
Paper Weight	20-28 lb.
Paper Capacity	1,500 sheets
Dimensions (W x D x H)	15.4" x 19.7" x 15.4"
Weight	37.5 lbs.

[▶ TOP](#)**▶ PT300 1 Bin Tray**

Paper Size	5 1/2" x 8 1/2" to 11" x 17"
Paper Weight	16-28 lb.
Paper Capacity	125 sheets
Dimensions (W x D x H)	18.6" x 21.7" x 4.4"
Weight	8.9 lbs.

[▶ TOP](#)**▶ PS360 Paper Bank**

Paper Size	5 1/2 x 8 1/2" to 11" x 17"
Paper Weight	20-28 lb.
Paper Capacity	Dual 500-sheet Trays
Dimensions (W x D x H)	21.3" x 23.7 x 10.7"
Weight	55.2 lbs.

[▶ TOP](#)**▶ External Output Tray Type 450**

Paper Size	5 1/2 x 8 1/2" to 11" x 17"
Paper Weight	14-42 lb.
Paper Capacity	250 sheets

[▶ TOP](#)**▶ SR720 Finisher***

Paper Size	5 1/2" x 8 1/2" to 11" x 17"
Paper Weight	14-42 lb.
Stack Capacity	1,000 sheets (8 1/2" x 11")
Staple Capacity	30 sheets (8 1/2" x 11")
Staple Paper Size	8 1/2" x 11" to 11" x 17"
Staple Paper Weight	17-21 lb.
Staple Position	Upper Left
Dimensions (W x D x H)	22.4" x 20.5" x 24.6"
Weight	46.3 lbs.

* Bridge Unit Type 450 required for SR720 or SR730 Finishers

[▲ TOP](#)**▣ SR730 Finisher (Aficio 450) ****

Offset Tray	.
Paper Size	5 1/2" x 8 1/2" to 11" x 17"
Paper Weight	14-42 lb.
Stack Capacity	3,000 sheets (8 1/2" x 11")
Proof Tray	.
Paper Size	5 1/2" x 8 1/2" to 11" x 17"
Paper Weight	14-42 lb.
Stack Capacity	250 sheets (8 1/2" x 11")
Staple Capacity	50 sheets (8 1/2" x 11")
Staple Paper Size	8 1/2" x 11" to 11" x 17"
Staple Paper Weight	17-21 lb.
Staple Position	Multiple
Hole Punch	Three (optional)
Dimensions	24.7" x 21.5" x 37.8"
Weight	99.3 lbs.

** Bridge Unit Type 270 Required with SR720 Finisher or SR730 Finishers

[▲ TOP](#)**▣ Printer Accessories**

Printer Controller Type 450

Adobe® PostScript® 3EType 450

Printer Hard Disk Drive Type 450

Network Interface Board Type 450-E

CS360 Mailbox Unit:

Number of Bins	9 bins and 1 Proof Tray
Paper Size	Each Bin: 8 1/2" x 11" to 11" x 17" Proof Tray: 5 1/2" x 8 1/2" to 11" x 17"
Paper Weight	Each Bin: 16-24 lb. Proof Tray: 14-42(90 lb. index)
Stack Capacity	Each Bin: 100 sheets Proof Tray: 500 sheets
Dimensions (W x D x H)	23.6" x 21.7" 37.8"
Weight	88.2 lbs.

[▲ TOP](#)**▣ Facsimile Accessories**

Fax Option Type 450

400 dpi/JBIG Upgrade Type 450

Handset Type 450

ISDN Option Type 450

Fax Stamp Type 450

[▲ TOP](#)**▣ Scanner Accessories**[▲ TOP](#)

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