

The RICOH

# fax5510L fax5510NF

HIGH PERFORMANCE NETWORK LASER FACSIMILE SERIES



**RICOH®**

# Advanced Communications for the Next Generation

Two exceptional models.  
One powerful platform.  
No boundaries.

The RICOH® FAX5510L and FAX5510NF are designed for today's demanding document communication needs. They offer outstanding versatility and cost-efficiency.

These two powerful systems set a new standard in office technology by providing a wide assortment of convenience features. Make your communication task easy whether your application needs require a high volume standalone fax (FAX5510L) or a network configuration (FAX5510NF) that can send color documents over the Internet. These models can significantly reduce operation costs and expertly handle your company's vital document, hard copy or electronic, communications.

Let the state-of-the-art Ricoh FAX5510 Series technology help you achieve immediate and measurable gains in workgroup productivity.



FAX5510L—High Productivity



FAX5510NF—Network Fax/  
Color Scan to Email

RICOH FAX5510L	FEATURE	RICOH FAX5510NF
1,000 sheets (Two 500 sheet trays)	Standard Paper Capacity	500 sheets (One 500 sheet tray)
1,600 sheets (Three 500 sheet trays, One 100 sheet bypass tray)	Optional Paper Capacity	2,100 sheets (Four 500 sheet trays, One 100 sheet bypass tray)
2,600 sheets	Maximum Paper Capacity	2,600 sheets
Two Standard	33.6 Kbps Modem with JBIG	One Standard, One Optional
Optional	Color Scan to Email	Standard
Optional	Internet Faxing	Standard
Optional	IP Faxing (Real-Time)	Standard
Optional	LAN Faxing	Standard
Optional	PCL 5e/6 1200 dpi Printer	Optional

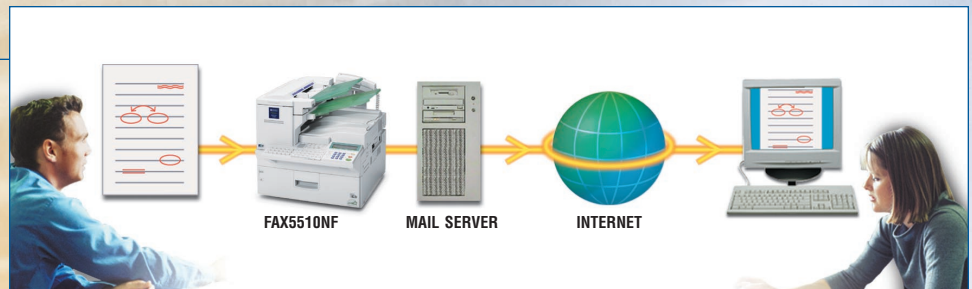


# Send Hard Copy Color Documents to Email Addresses

Ricoh has made it simple to send documents directly to a recipient's email address in color to anywhere in the world and without incurring the charge of a fax transmission. Now you can send critical color documents such as photos, brochures, maps, business charts, floor plans, or any documents you can imagine up to 11" x 17" in size and up to 600 dpi resolution.

## Color Scan to Email

Send any colorized document directly to the recipient's email address. Just simply enter the address via the FAX5510NF's keyboard. Press start and the document is on its way. It's as easy as sending a fax.



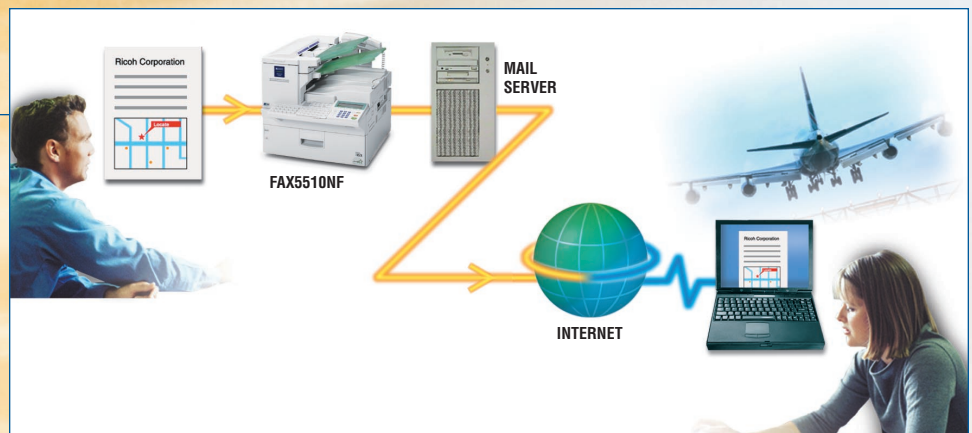
Typical Fax Document



Color Document Sent by Email at 600 DPI

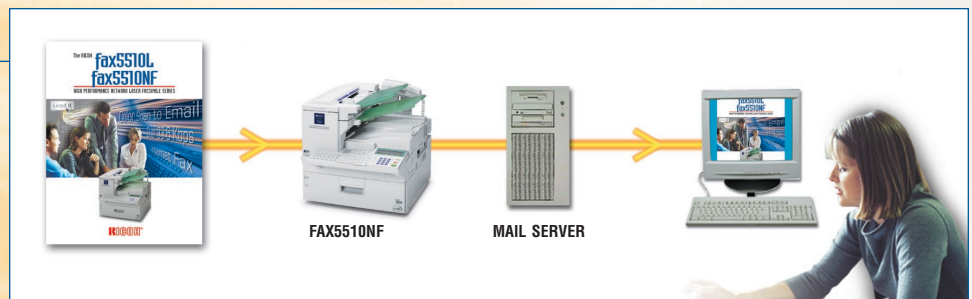
## Send to Individuals On the Go

Speed up communications to those who travel by sending directly to their email address instead of a hotel fax. This ensures confidentiality of the information being sent.



## Scan Conveniently

Send a document to your PC for archival. This convenient scanning capability enables you to use the image in another document and reduce the number of hard copy documents.

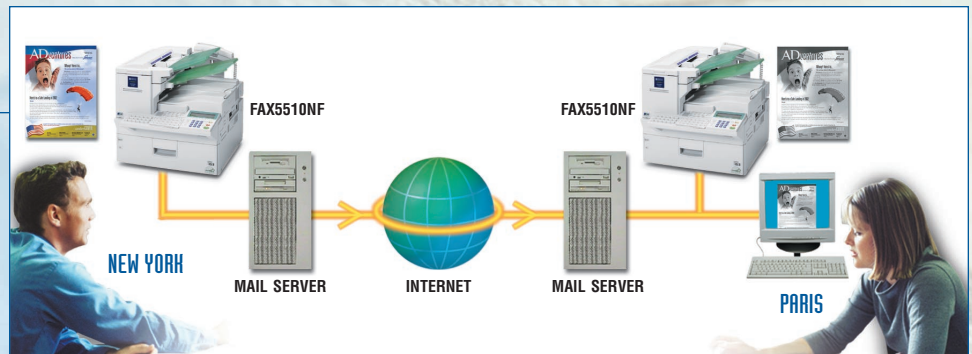


# Reduce Fax Communication Costs

The FAX5510NF provides advanced Internet Fax capabilities that allow you to send documents to both a PC and another Internet Fax at the same time. Ricoh has now incorporated the latest T.38 Internet Fax technology that provides real-time faxing over the Internet.

## No Charge for Internet Communication

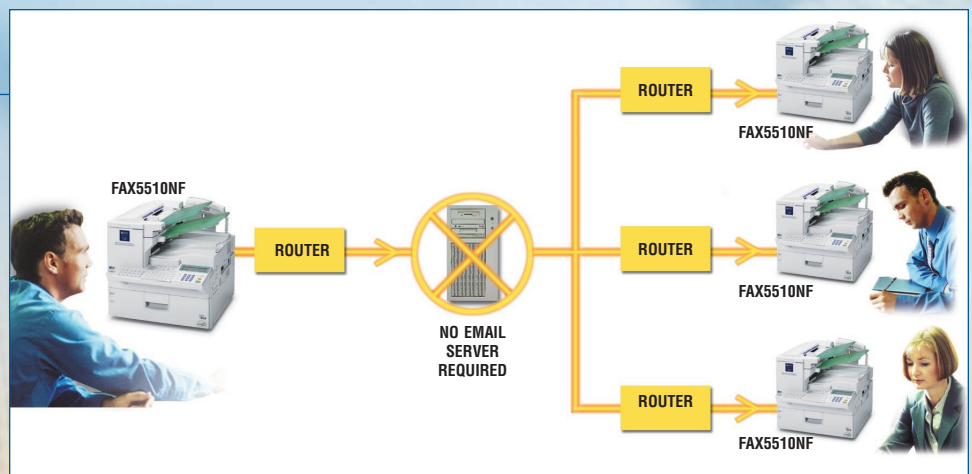
Internet Faxing allows you to send documents around the world—to any email address, PC or Internet Fax without incurring any long distance or international phone charges. Documents sent to another Internet Fax will print out upon reception.



## IP-Faxing

[Real-Time Faxing Via The Internet]

IP-Faxing allows communication between a network of FAX5510NF or ITU compatible devices, without the use of an Email Server. The sender just enters the IP address of the receiving IP-Fax System. (Complies with ITU-T Rec. T.38) Communication is super-fast and a report is received back confirming reception.



send it

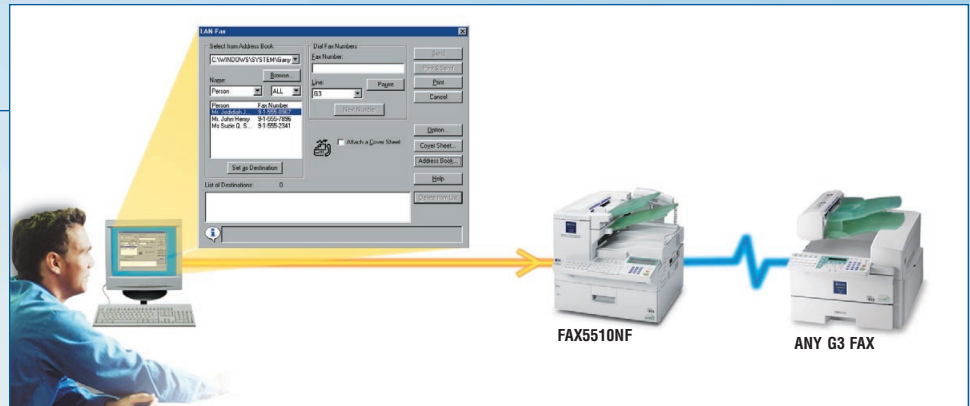


# Network Efficiency

The FAX5510NF maximizes efficiency by using your network for LAN Faxing, archiving, monitoring and programming of the system right from a desktop PC.

## Send Faxes Directly From Your PC

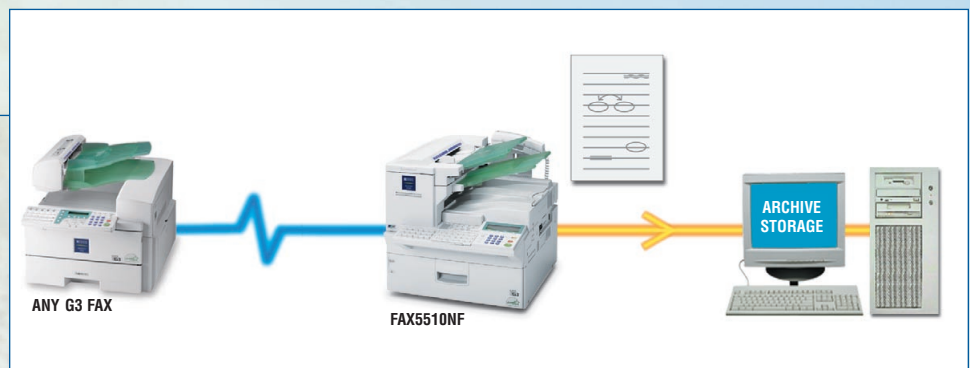
LAN Faxing allows multi-user workgroups on a network to increase productivity by easily faxing documents from their desktop, via the FAX5510NF, to any G3 fax. A Transmission Result Report is returned by email to the sender.



Ricoh's LAN Faxing software is standard with the FAX5510NF.

## Automatically Archive All Sent and Received Faxes

Concerned about losing incoming paper documents? The FAX5510NF can be programmed to automatically back up all incoming and outgoing fax communication for easy archival.



Incoming documents are printed and electronic back up files are sent to an archival location.

## Web Status Monitor

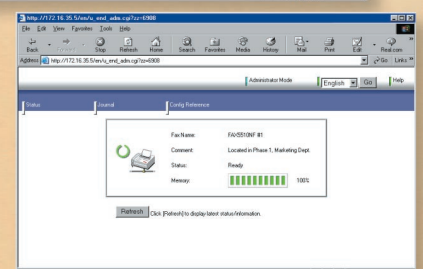
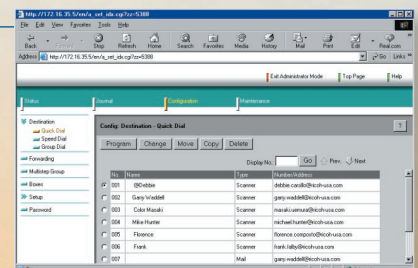
This feature allows the FAX5510NF to be programmed and monitored from a PC.

Examples of functions that can be programmed:

- Auto Back Up Destination
- Save/Restore System Settings
- Network Settings
- Password
- Quick Dial Keys
- Group Dials
- Forwarding Address
- Sub Address
- Multi-Step Transmission

Examples of functions that can be monitored:

- Documents by File Name
- Document Status
- Memory Level
- Memory Usage
- Paper Supply Status
- Toner Level
- Transmission/Reception Journal



Web Status Monitor

# Advanced Fax Features to Meet Your Needs

## Speed

- Super G3 33.6 Kbps modems with JBIG Compression transmits up to a fast 30 pages per minute.

2 Modems Std. on FAX5510L  
1 Modem Std. on FAX5510NF



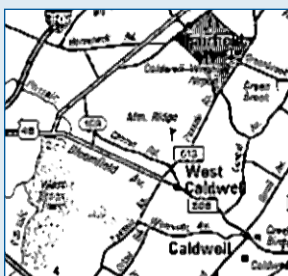
Broadcasting utilizing Dual Modems enables overall time to complete the broadcast job to be cut in half by transmitting over both modems simultaneously.

- 1.5 Second Scan Speed per page to memory.
- Parallel (Quick) Memory Transmission allows the fax system to dial and begin transmitting a fax as soon as the first page has been scanned into memory.

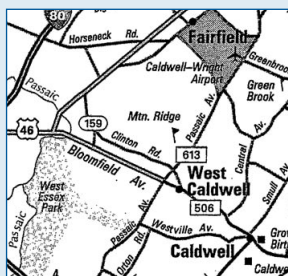
## High Resolution Transmission/Reception

The FAX5510 Series are able to scan documents at the following resolutions:

Standard . . . . .200 x 100 DPI  
Detail . . . . .200 x 200 DPI  
Super Fine . . . . .400 x 400 DPI  
Extra Super Fine . . . . .600 x 600 DPI



Standard (200 x 100 dpi)



Extra Super Fine (600 x 600 dpi)

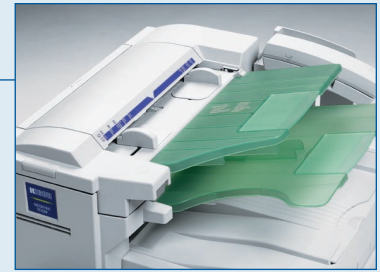
The Extra Super Fine mode (600 x 600 DPI) maintains fine details on documents such as maps, architectural drawings and schematics where details are critical.

## Memory Protection

- All documents are stored in Standard Memory and retained during power loss for up to 12 hours.
- Optional 40 MB Memory is non-volatile and retained indefinitely. Should the system be without power for more than 12 hours, none of the documents (received or those stored for sending) will be lost.

## High Capacity

- Documents up to 75 pages, and 11"x17" in size, can be inserted into the Automatic Document Feeder.
- Standard Memory is 7 MB (560 pages) and is expandable up to 3,000 pages.
- Dialing capacity consists of 144 Quick Dial Keys and 100 Speed Dial codes (expandable to 1,000), and 9 Group Dials (expandable to 30).
- The FAX5510 Series can be configured up to a maximum paper supply capacity of 2,600 sheets, consisting of five 500 sheet Paper Trays and a 100 sheet Bypass Tray.

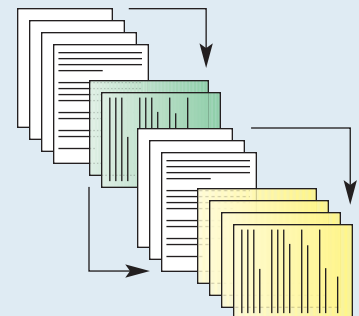


Automatic Document Feeder



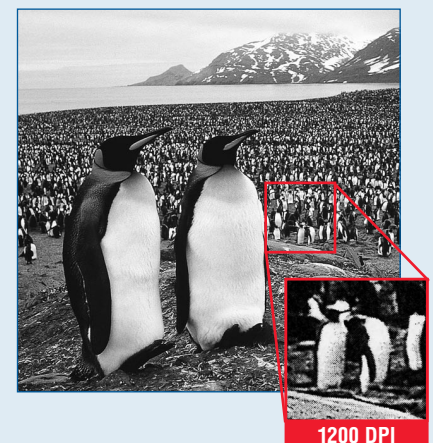
2,600 Sheet Capacity

- Rotate Sort features automatically alternates incoming faxes between portrait and landscape orientation so documents are sorted for easy distribution.



## 23 PPM PCL Printer

- Add the optional Printer Interface and get a fast 23 ppm network printer. It comes standard with both a Parallel and NIC Interface.
- Optional Interfaces:
  - USB Port
  - Wireless LAN Port
  - IEEE1394 Port
- 1200 DPI Print Resolution
- Printer Control Languages
  - PCL5e/6
  - RPCS
  - Adobe PS3 (Optional)



1200 DPI

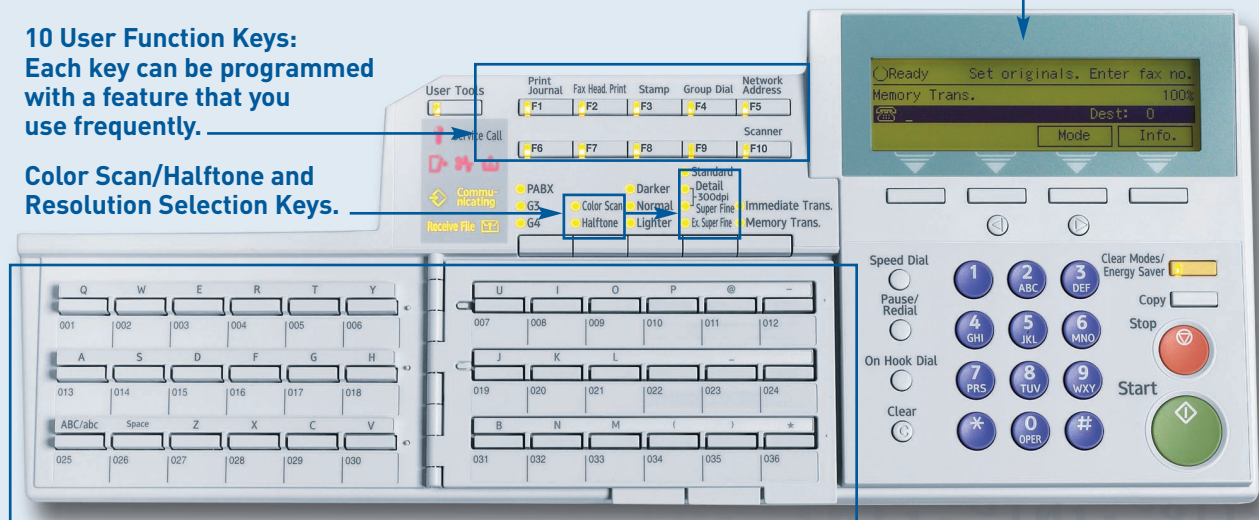


## Easy To Use Operation Panel

**10 User Function Keys:**  
Each key can be programmed with a feature that you use frequently.

**Color Scan/Halftone and Resolution Selection Keys.**

**4 Line, 40 characters per line LCD with back-lighting for easy reading.**



**36 x 4 Quick Dial Keys with 3 Flip Plates which give a total of 144 Quick Dials:** The Quick Dial Keys double as alpha entry keys for programming and email addresses. They appear in familiar QWERTY fashion (same as PC keyboard) for easy use.

## All-In-One Toner Cartridge

The FAX5510 Series Fax Systems utilize an AIO (All-In-One) Toner Cartridge that is easy to replace and also reduces maintenance. The cartridge contains both toner and the Optical Photo Conductor Unit (yield: 10,000 pages @ 4%).



All-In-One Toner Cartridge

## Environmentally Friendly



The Ricoh FAX5510 Series fax systems comply with the US Energy Star program. The system will automatically go into standby when it is not used for five minutes, reducing electric consumption to less than 2W.



Our earth,  
Our tomorrow

Ricoh designs its products to keep waste out of the landfills. Components used in the FAX5510 Series product are identified with indicators so that they can be easily separated during the recycling process.

The Ricoh fax5510 Series . . . it's all about efficiency.

## RICOH FAX5510L/NF SPECIFICATIONS

### FACSIMILE SPECIFICATIONS

**Type:** Desktop/Console Facsimile

**Recording Method:** Laser

**ITU-T Compatibility:** Group 3 (V.34); ECM

**Modem Speed:** 33.6 Kbps with auto fallback  
2 Modems standard on FAX5510L  
1 Modem standard on FAX5510NF

**Maximum Transmit Speed:** 2 seconds<sup>1</sup>

**Data Compression:** MH/MR/MMR/JBIG

**Scan Speed (Standard resolution):** 1.5 seconds<sup>2</sup> B&W  
4.5 seconds Color

**Dual Access:** Standard

**Standard Document Memory:** 7 MB (560 pages<sup>3</sup>)

**Optional Document Memory:** 40 MB (1,200 pages<sup>3</sup>)  
w/o Function Upgrade Card;  
(3,000 pages<sup>3</sup>) w/ Function  
Upgrade Card

**AutoDialer:** 144 Quick Dials; 100 Speed Dials (expandable  
to 1000); 9 Groups (expandable to 30)

**User Function Keys:** 10 Dedicated keys

**Document Memory Back Up:** 12 hour with standard  
memory; infinite with  
Memory Expansion

**Auto Document Feed Capacity:** 75 Sheets

**Maximum Document**

**Width/Scan Width/Length:** 11.7"/11.6"/47.2"

**Scan Resolutions:** Standard: 200 x 100 DPI  
Detail: 400 x 200 DPI  
Super Fine: 600 x 400 DPI  
Extra Super Fine: 600 x 600 DPI

**Halftone:** 64 Shades of gray with ARGONA<sup>3</sup>

**Maximum Print Speed:** 23 pages per minute

**Maximum Print Resolution:** 600 DPI as fax  
1,200 DPI as PCL printer

**Resolution Enhancement:** Super Smoothing HQ<sup>TM</sup>

**Maximum Recording Width/Paper Size:** 11.5"/11" x 17"

**Standard Paper Capacity:** FAX5510L: 1,000 Sheets  
x 2 cassette trays  
FAX5510NF: 500 Sheets  
x 1 cassette tray

**Optional Paper Capacity:** FAX5510L: 1,500 Sheets  
x 3 cassette trays  
+100 Sheet Bypass Tray  
FAX5510NF: 2,000 Sheets  
x 4 cassette trays  
+100 Sheet Bypass Tray

**LCD Display Size:** 4 Lines (40 Characters)

**Power Consumption:** Max: Less than 1000W  
Min: Less than 2W

**Power Requirements:** 120±15 VAC, 60±3 Hz

**Environment:** 63 to 77°F; 40 to 70% RH

**Dimensions (WxDxH):** FAX5510L: 19.9" x 24" x 24.2"  
(without options)  
FAX5510NF: 19.9" x 24" x 18.9"  
(without options)

**Weight:** FAX5510L: 85.2 lbs. (without options)  
FAX5510NF: 62.8 lbs. (without options)

### SCAN TO EMAIL SPECIFICATIONS

**Circuit:** LAN Ethernet 100-TX/10-T

**Resolution:** Standard: 200 x 100 DPI  
Detail: 200 x 200 DPI  
Super Fine: 400 x 400 DPI  
Extra Super Fine: 600 x 600 DPI  
(Scanner 300 x 300 DPI)

### SCAN TO EMAIL SPECIFICATIONS (cont.)

**Email File Format:** Single/Multi-Part MIME Conversion  
Attached file format:  
TIFF-F(MH)/DCX/JPEG/PDF

**Transmission Speed:** 100/10 Mbps

**Document Size:** 8.5" x 11" – 11" x 17"

**LAN Fax Driver:** Standard

**Web Status Monitor:** Standard

**SMTP Transmission:** Standard

**POP3 Reception:** Standard

**SMTP Reception:** Standard

**Email to G3 Fax:** Standard

**Color Scan to Email:** Standard

**Confirm Reception:** Standard

**Insert Subject:** Standard

**B&W Internet Fax:** Standard (ITU-T Rec. T.37)

**IP-Fax (Real-Time I-Fax):** Standard (ITU-T Rec. T.38)

### GENERAL FEATURES

Auto Document

Clock With Auto Summer Time Adjustment

Energy Saver Mode

Fax Number Entry Before Loading Document

Keystroke Programs

Label Registration for Quick/Speed Dials

Memory Storage Report

Personal Codes

Print Quick Dial Labels

Restricted Access

Scanner Confirmation Stamp

User Parameter List Report

### COMMUNICATION FEATURES

Al Redial

Chain Dialing

Communication Failure Report

Error Report

Monitor Speaker

On Hook Dialing

Power Failure Report

Redial (Auto/Manual)

Shortened Protocol

Tone Transmission

### TRANSMISSION FEATURES

Auto Reduction (Transmit)

Back Up Transmission

Batch Transmission

Blank Document Detection

Confidential Transmission

Duplex (Fax Mode Only)

Dual Modems (FAX5510L only)

Forwarding

Immediate or Memory Transmission

Label Insertion

Page Count

Page Retransmission

Polling Transmission with ID

Quick (Parallel) Memory Transmission

Send Later

### TRANSMISSION FEATURES (cont.)

Serial Broadcasting (Immediate/Later)

Transfer Request

Transfer Transmission

Transmission Confirmation Report

Transmission Reserve

Transmission Result Report

### RECEPTION FEATURES

Authorized Reception

Auto Reduction

Communication Failure Report

Confidential Reception

Continuous Polling

Document Separation Mark (Checked)

Error Report

Memory Lock

Multi-Sort Document Reception

Multiple Reception

Polling Reception with/without ID

Reception Time Printing

Reverse Order Printing

Rotate Sort

Specified Cassette Selection (with Optional Paper Cassette)

Substitute Reception

### PRINTER FEATURES

23 ppm at 600 DPI

Interface:

- Standard: IEEE1284 Parallel, NIC 100 TX/10T

- Optional: USB2.0, IEEE1394, IEEE802.11b (Wireless LAN)

OS: Windows 95/98/Me/NT 4.0/2000/XP

Printer Control Language:

- RPCS

- PCL5e/6

- Adobe PS3 (Optional)

Print Resolution: 300/600/1200 DPI

### OTHER OPTIONS & SUPPLIES

ADF Maintenance Kit Type 500

Fax On Demand Type 510

Feature (Memory 40 MB) Expander Card Type 300

Function Upgrade Unit Type 510

Fusing Maintenance Unit Type 510

G3 Interface Unit Type 510 (For FAX5510NF only)

IEEE802.11b Interface Kit Type B

IEEE1394 Interface Unit Type 4510

ISDN G4 Interface Unit Type 510

Marker Type 30

NIC Fax Unit Type 510 (For FAX5510L only)

PostScript 3 Interface Unit Type 510

Printer Interface Type 510 (see Printer Features)

Ricoh Fax Toner Cartridge Type 5110

Telephone Handset Type 1018

USB2.0 Interface Board Type A

64 MB Printer Memory

100 Sheet Bypass Feeder Type 510

500 Sheet Paper Feed Unit Type 510



- 20 trees were left standing as a result of the recycled paper used in this project.
- 986 gallons of water were saved.
- 12 lbs. of air pollution were avoided.
- 2,337 kilowatt hours of energy were saved (8,200 KWH of energy can heat and cool an average American home for one year).
- 38 cubic feet of solid waste were kept out of a landfill.

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EPA 2000 Office Equipment Partner of the Year (5th consecutive year)

EPA 2000 Labeling Partner of the Year

Ricoh Corporation has determined that this product meets the Energy Star<sup>®</sup> guidelines for energy efficiency.

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Image Communication

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