

Gestetner F540/F550

Specifications

Type	Desktop Facsimile
Recording Method	Laser
ITU-T Compatibility	Group 3 (V.34); ECM
Modem Speed	33.6 Kbps with Auto Fallback
Transmit Speed (Max.)	2 seconds per page ¹
Data Compression	MH/MR/MMR/JBIG
Scan Speed (Letter, Standard Resolution)	1.3 seconds per page ² B&W 4 seconds per page Color
Dual Access	Standard
Document Memory (Standard)	7MB (560 pages ²)
Document Memory (Optional)	40MB (2,200 pages ²)
Autodialer	90 Quick Dials; 200 Speed Dials; 9 Groups
User Function Keys	10 (dedicated keys)
Document Memory Backup	12 hours with Standard Memory; infinite with 40MB Memory Card
Automatic Document Feeder Capacity	70 sheets
Document Width/Scan Width/Length (Max.)	8.6"/8.48"/47.2"
Scan Resolution	Standard: 200 x 100 dpi Detail: 200 x 200 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi Halftone: 64 levels with ARGONA ³
Print Speed (Max.)	15 pages per minute
Print Resolution (Max.)	600 dpi (fax and printer)
Resolution Enhancement	Super Smoothing HQ SM
Recording Width/Paper Size (Max.)	8.26"/8.5" x 14"
Paper Capacity (Standard)	
F540	250-sheet letter-size cassette + 500-sheet letter-/legal-size cassette (750 sheets)
F550	250-sheet letter-size cassette + 100-sheet Bypass Tray (350 sheets)
Paper Capacity (Optional)	
F540	500 sheet letter-/legal-size cassette + 100 sheet Bypass Tray
F550	500 sheet letter-/legal-size cassette x 2
Paper Capacity/Sources (Max.)	1,350 sheets/4
Multi-Copy Capacity	Up to 99 (with duplexing)
LCD Display Size	2 lines (22 characters each line)
Power Consumption	Max: Less than 1000W Min: Less than 2W/6W
Power Requirements	120V, 60Hz
Environment	59 to 77° F, 30 to 70% RH
Dimensions (WxDxH)	
F540	17.6" x 21.7" x 21.6"
F550	17.6" x 21.7" x 16.2"
Weight	
F540	61.7 lbs.
F550	50.7 lbs.
Optional PFU	
Dimensions (WxDxH)	17.0" x 16.1" x 5.5"
Weight	10.6 lbs.
Consumable Yields	Toner Cartridge: 5,000 pages ²
Photoconductor Unit	45,000 pages

Internet Fax/IP FAX/VoIP/Scan To E-mail (NIC Fax Unit)

Network/Connection	LAN, 100/10Base-T Ethernet, RJ-45
Transmission Speed	100/10 Mbps
Document Size Compatibility	8.5" x 11", 8.5" x 14"
Internet Fax: T.37	Internet Fax: ITU-T Rec. T.37
IP Fax: ITU-T Rec. T.38	IP Fax: ITU-T Rec. T.38
Scan Resolution	
Internet Fax	Standard: 200 x 100 dpi Detail: 200 x 200 dpi
IP Fax/VoIP	Standard: 200 x 100 dpi Detail: 200 x 200 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi
Scanner	Std. B&W: 200 x 100 dpi Std. Color: 100 x 100 dpi Detail: 200 x 200 dpi 300 dpi: 300 x 300 dpi Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi

Internet Fax/IP FAX/VoIP/Scan To E-mail (NIC Fax Unit) (cont.)

Internet Protocols	E-mail Trans.: SMTP, TCP/IP E-mail Rec.: POP3, SMTP, IMAP4, TCP/IP IP Fax: T.38 Annex B, TCP, UDP/IP Scanner: FTP, TCP/IP
E-mail Format	Single/Multi-Part, MIME Conversion
Attached File Format	TIFF-F (MH Compression), DCX, JPEG, PDF
Security	POP before SMTP, SMTP Authentication, APOP, Server Domain Authentication (Windows 2000/Server 2003/NT4.0)
Dynamic Host Configuration Protocol (DHCP)	Standard
Web Status Monitor	Standard

NIC Fax Features

- **Internet Fax & Scan to E-mail**
 - Backup Transmission/Reception
 - Color/B&W Scan Modes
 - E-mail Subject/Message/Suffix Templates
 - Error Mail Notification
 - Journal by E-mail
 - Reception Confirmation
 - ScanRouter Lite Included
- **IP Fax (Real Time, T.38)**
 - Reception Confirmation
- **VoIP Compatibility**
- **LAN Fax (Software Included)**
 - Address Book, Broadcast, Convenience Printing

General System Features

Automatic Collation
Clock (with Auto Summer Time Adjustment)
Counters (Tx/Rx/Scn/Prt)
Dual Access (Multitasking)
Scan Duplex Documents
Energy Saver Mode
Help List
Keystroke Programs
Label Registration for Quick/Speed Dials
Personal Codes
Photo (Halftone) Mode
PIN Code Protection
Power Failure Report
QWERTY Keypad
Remaining Memory Indicator
Restricted Access
User Function Keys

Fax Communication Features

Chain Dialing
Communication Failure Report
Error Report
Fax Headers (2)
Journal (Auto/Manual Print)
Lists (Quick/Speed/Prog/Grp/User Fnct)
Memory File Transfer
Monitor Speaker
No Document, No Dial
On Hook Dialing
Polling Trans/Reception
Quick Dial Label Print
Redial (Auto/Manual)
Shortened Protocol
Telephone Directory

Fax Transmission Features

Auto Document
Auto Page Retransmission
Auto Reduction (Transmit)
Backup File Transmission
Batch Transmission
Blank Document Detection
Forwarding
Immediate/Memory Transmission
ITU-T Sub-Address
Label Insertion
Memory Storage Report
Page Count
Page Retransmission
Quick (Parallel) Memory Transmission
Send Later
Serial Broadcast (Immediate/Later)
Simultaneous Broadcast (via Opt. 2nd G3 Modem)
Transfer Request
Transfer Transmission
Transmission Confirmation Report
Transmission Failure Report
Transmission Reserve
Verification Stamp

Fax Reception Features

Authorized Reception
Confidential Reception (with/without ID)
Continuous Polling
Checked Mark (Document Separation)
Duplex Fax Reception
Memory Lock
Memory Polling
Multi-Copy Reception
Multi-Polling Reception
Reception Time Print
Specified Cassette Select (with Optional Paper Cassette)
Substitute Reception
Two-in-One Reception

Printer Features

Print Speed (Letter)	15-ppm
Printer Resolution (Max.)	600 x 600 dpi
Interface	Ethernet 100-TX/10-T, IEEE1284 Parallel
Printer Memory (Std./Max.)	16MB/144MB
Operating System	Windows 95/98/Me/NT 4.0/ 2000/XP
Printer Control Language	PCL5e/6; PostScript 2 (Optional)
Other Features	Duplex, Collate, Slip Sheet, Page Protect, Auto Continue, Auto Tray Select, Tray Lock, Font Storage, Watermark, Toner Saver, Edge Smoothing, User Code, Bypass Tray Print

Options

100-Sheet Bypass Feeder Type 300
32 MB/64 MB/128 MB Printer Memory Type B
40MB Memory Card (Feature Expander) Type 410
500-Sheet Paper Feed Unit Type PS480
Cabinet Stand
G3 Interface Unit (2nd 33.6 Kbps Line) Type 410
Network Interface Board Type 1018 (see Printer Features)
NIC Fax Unit Type 410 (F540 only)
PostScript 2 Interface Unit Type 1018
Print Controller
Telephone Handset Type 1018

Supplies

ADF Maintenance Kit Type 300
Marker Refill Type 30
Toner Cartridge Type 1160
Photoconductor Unit Type 1013

1 Approximately 2-seconds per page at 33.6 Kbps with JBIG is dependent upon optimal line quality, and customer performance may vary by location.

2 Based on ITU-T Test Chart #1 in Standard resolution.

3 ARGONASM Advanced Ricoh's Graphic Operation by New ASIC based on diffusion method.

Gestetner

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