



MFX-1950

Advanced Digital Communication System



Innovative solution with low operation cost.

True investment pays with not only machine cost, but with machine life.

Durable Toner and Drum Design

High volume toner cartridge and long life drum cartridge realize low Cost Per Copy. Furthermore, separate toner and drum cartridge design maximizes durability of each cartridge to its true life, while all-in-one cartridge often requires replacement before drum life because toner becomes empty first.

Reliable Paper Handling Design

Reliable paper handling design reduces both scanning and printing paper jams, realizing recommended monthly print volume of up to 5,000 pages.



Duplex Print

- **Ultra fast 19ppm print engine with 600dpi resolution swiftly produces a crisp image.**
- **Standard Duplex Print feature saves paper usage by realizing image output on both sides of a single sheet.**



High speed and High quality

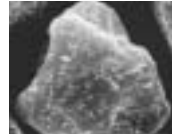
- Fast 19ppm copy speed enhances productivity of your office.
- 600dpi high image scanning quality satisfies any demands of reproduction.
- The new-adopted polymerization toner reproduces clear image quality.

Comfortable office environment

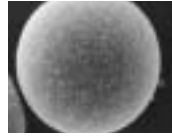
- Whisper quiet digital copy maintains comfortable office environment.
- Cartridge-type toner realizes easy replacement without soiling your hands.

Convenient features for your business

- 99-Job Reservation allows you to reserve next jobs without waiting for the first job to be completed.
- Wide zoom setting range of 25% to 400%.
- Department Code feature allows you to easily control copy charge by each department.



Pulverized Toner
(Conventional)



Polymerized Toner

Digital Copy

Advanced Paper Handling

- **Reliable 80 pages Auto Document Feeder processes scanning jobs swiftly.**
- **50 pages bypass tray fulfills any demand of special outputs.**
- **250 pages output tray holds sufficient outputs.**
- **High volume 500 pages cassette releases you from frequent replenishing duty.**
- **Duplex print and duplex fax reception contributes to saving paper usage.**



■ **High resolution 600dpi color scanning reproduces a clear image on your PC display.**

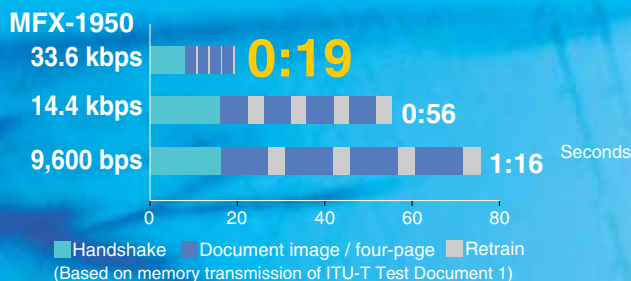
■ **Convenient Scan Box feature realizes advanced scanning operation at machine side.**

Color Scan

Super G3 Fax

Super G3 Transmission

MFX-1950 combines a Super G3 (33.6kbps) modem and JBIG compression to realize fast 2-second level transmission speed.



Half Page Reception and Duplex Reception

MFX-1950 combines two of a half-page reception into a single A4 sheet. Duplex reception is also available.

Security Reception

MFX-1950 keeps all received fax messages in its memory until passcode is entered for printing.

1.9 Seconds Quick Scan

MFX-1950 realizes fast 1.9-second quick scan with not only Normal, but also Fine mode Scan.

Combine Scan by ADF & Book Platen

You can fax thick materials such as books and magazines as easy as taking a copy. Also, you can combine the documents scanned by ADF and Book Platen to fax or copy with a single command.



Fax Cancel Key

MFX-1950 has a dedicated Fax Cancel Key on control panel, so you will never panic to cancel fax transmission by pulling off the power cable or telephone line.



UI Project

Muratec's Usability Improvement (UI) Project is contributing to realize what is best for users to operate our products.

Usability Improvement

Network Solution

Every PC client will receive full benefit of MFX-1950 with NP-400 Network Option.

Network Printer

19ppm print engine exercises its maximum performance to manage multiple print jobs without delay.

Network Scanner

Sharing scanned images through network increases communication efficiency. (Black and White only)

Scan to E-mail with Easy PDF (T.37)

Scanned image is automatically converted to PDF (or TIFF-S, TIFF-F) image and sent to remote PC through LAN, Intranet and Internet. The remote PC receives the image as an E-mail attachment. (Black and White only)

Internet Fax

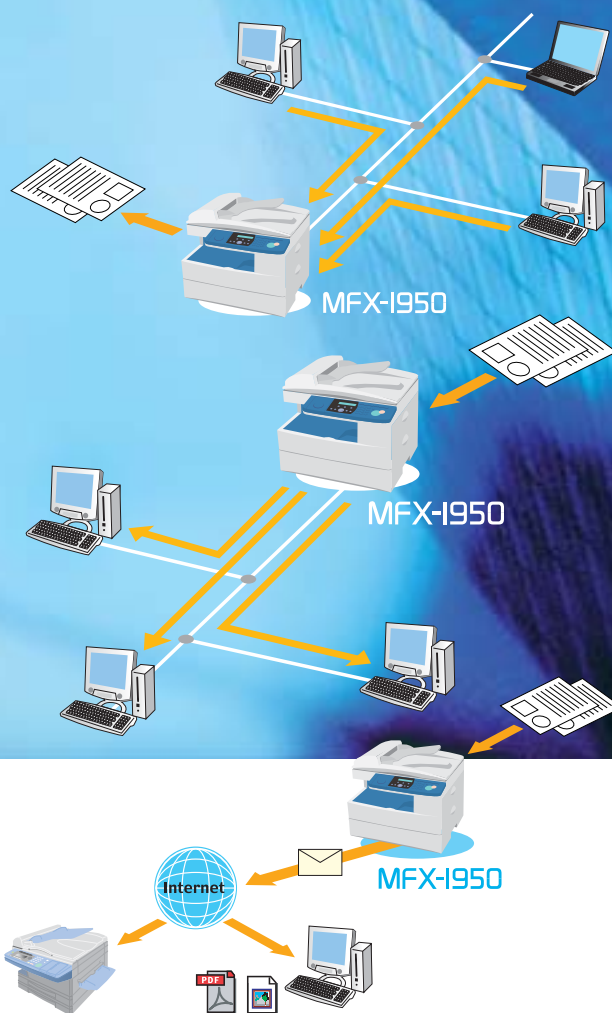
MFX-1950 can send scanned image through Internet to remote machine, realizing virtually zero cost fax transmission.

Internet Mail Reception

MFX-1950 can automatically receive and print E-mail attachment from PC or other Internet Fax machine.

Combined Transmission

You can send to both E-mail address and ordinary fax number with a single scan of document.



■ Versatile QuadAccess Technology

MFX-1950 is more than just all-in-one machine. Muratec QuadAccess technology realizes a true multifunctional versatility with simultaneous copy, print, scan and fax jobs at any time, any occasion. You will never face the frustration of waiting one job to be completed before starting the next.

■ Full-Front Access Design

- Full-Front Access saves space at back of machine.
- Full-Front Access makes it easy to recover from paper jam.

■ Exit paper tray is blue so it is easier to notice when received fax is printed out.



Specifications

Print Speed :	19 ppm
User Interface :	2-line LCD
Automatic Document Feeder :	80 sheets
Platen Glass :	Yes
Paper Capacity :	550 sheets (includes 50 sheets bypass tray)
Maximum Paper Capacity :	1,050 sheets (500 × 2 + 50)
Duplex Printing :	Yes
Quad Access :	Yes
Ethernet :	Option (10/100 BaseT, RJ-45 connection)
Network Protocol :	TCP/IP
Local Connection :	USB 2.0
Easy Change Consumables :	Yes, front loading
Printing Method :	Electrophotographic printing/LED
Scanning Method :	Mono and color CCD
Dimensions :	520mm (W) × 450mm (D) × 446mm (H)
Power :	220-240 VAC, 50/60Hz
Weight :	21.2kg



Caution for Safety

- Please read the instruction manual carefully before using the machine.
- DO NOT use the machine in wet, humid, dusty, and/or smoky environment. Such environment may cause fire, malfunction and/or electric shock.

MURATA MACHINERY, LTD.

136, Takeda-Mukaishiro-cho, Fushimi-ku, KYOTO 612-8686 JAPAN
 TEL:81-75-672-8243 FAX:81-75-672-8142
<http://www.muratec.co.jp>

MURATA MACHINERY, LTD., DUBAI BRANCH

P.O.Box 61105 Jebel Ali Dubai UAE
 TEL:971-4-8817409 FAX:971-4-8817412
<http://www.e-muratec.com>

MURATA MACHINERY (HONG KONG) LTD.

TEL:852-2305-1491 FAX:852-2753-8997
<http://www.muratec.com.hk>

Features

Copier Features:

Copy Speed	19 ppm
First Copy Out Time (FCOT)	10 seconds
Warm Up Time	23 seconds
Copy Quantity	1-99
Reduction/Enlargement	25-400% (FBS) / 25-100% (ADF)
Maximum Resolution	600 x 600dpi
Default Scan Speed	2.9 seconds
Image Combination	2 in 1
Electronic Sorting	Standard
Output Tray	250 sheets
Cover Page Insertion	Yes

Scanner Features:

TWAIN Scanning	Standard
Scanner Resolution	Color: 100dpi-600dpi Mono: 200dpi-600dpi
Greyscale	256 levels
Interface	USB 2.0 and Ethernet (Optional)
Scan to Folder	Option
Scan to E-mail	Option
Scan to FTP	Option
File Formats	PDF, TIFF, JPEG
Default Color Scan Speed	TWAIN: 13.5 seconds*1
Default Mono Scan Speed	TWAIN: 4.3 seconds*1
E-mail/Folder Broadcast	Option

Printer Features:

Print Resolution	600 x 600dpi
Emulation	GDI (PCL optional)
Interface	USB 2.0 and Ethernet (Optional)
Operating Systems	Windows 98SE, ME, NT4, 2000, XP, Vista and Server 2003*2
Duplex Print Speed	5ppm
Job Cancel	Machine

Fax Features:

Modem Speed	33.6K bps
Data Compression	MH, MR, MMR, JBIG
Transmission Speed	2 seconds*3
Scan Speed	1.9 seconds*4
Desktop Faxing	Option
Internet fax	Option
Memory	8MB (approx. 650 A4 pages)*4
Optional Memory	32MB (total 40MB, approx. 3,370 A4 pages)*4
Memory Backup Maximum	72 hours
Broadcasting	230 locations (Direct dial : 30)
Group Dialling	32 groups
Block Junk Fax	Yes, 50 locations
Secure Copy & Fax	Yes
Confirmation Report	Yes

Consumables & Options:

High Yield Toner Set	16,000 @ 6%
High Yield Drum Kit	30,000 2 page cycle
Paper Tray	500 Sheet Paper Cassette
Additional Memory	32MB Memory Card
Network Interface Card	Option (NP-400)
PCL Printer Interface	Option (OP-550)
Mechanical Counter	Option
OfficeBridge	Option (OB-400)

*1 ADF, A4, 200dpi

*2 Printer driver only

*3 Based on memory transmission of ITU-T Test Document 1

*4 Based on ITU-T Test Document 1 stored at normal resolution

Muratec reserve the right to change design, features and specification details without prior notice.

Windows, Windows NT, Windows Server, Windows Vista are registered trademarks of the Microsoft Corporation in the United States and/or other countries.

E&OE