

Muratec F-100

High-Volume Plain-Paper Fax •

650-Sheet Letter/Legal Paper Capacity •

Muratec FaxRISC Technology •

Expandable Memory to 718 Pages •

Year 2000 Compliant •





FaxRISC

The F-100 includes Muratec's FaxRISC technology—a powerful 32-bit RISC microprocessor and Muratec's custom operating system—for performance tailored specifically to high-volume fax communication needs.

F-100

PROFILE

The Muratec F-100 offers essential productivity features like dual-access operation, a document memory expandable to a massive 718 pages, 650-sheet paper capacity with simultaneous letter- and legal-sized paper use, 6-second transmission over a 14.4 Kbps modem, and a reliable 6-page-per-minute laser print engine. But the F-100 offers more than just fax operation. Complementing Muratec's line of talented multifunctionals, the F-100 also includes options for 600 x 600 dpi printing from Windows®-based PCs, and for computer-to-fax connectivity allowing high-speed faxing from any PC on the network. It also serves as a reliable copier with a 50-page document feeder.

SPECIFICATIONS

Type	High-speed facsimile transmitter and receiver for office use
Phone Line	Normal Public Switched Telephone (PSTN) line or equivalent
Modem	14,400 bps with fallback to 12,000, 9,600, 7,200, 4,800 and 2,400 bps per ITU-T v.29 and v.27 ter.
Compatibility	ITU-T Group 3
Transmission Speed	6 seconds per page ¹
Feeder Capacity	50 sheets (20-pound bond)
Resolution	(in lpi, horizontal x vertical) Normal, 203 x 98; fine, 203 x 196; superfine, 203 x 392; plus Muratec Hyperfine ²
Grayscale	64-level
Printing Width	8.2"
Scanning Width	8.5"
Scanning Method	Flatbed CCD
Printing Method	Dry, electrophotographic (laser) process
Consumables Yield	Drum cartridge, 20,000 pages; regular toner cartridge, 5,500 pages; starter toner cartridge, 3,600 pages ³
Paper Capacity	Paper cassette, 500 letter-sized sheets; multipurpose tray, 150 letter- or legal-sized sheets
Document Size	(width x height) Single sheet – 11.0" x 35.4" maximum, 5.8" x 4.1" minimum; two or more sheets – 10.1" x 14.4" maximum, 5.8" x 4.1" minimum
Weight	40.7 pounds
Dimensions	(width x depth x height) 19.2" x 20.4" x 14.6"
Power	120VAC ± 10%, 50-60 Hz

FEATURES

Plain-paper printing of fax messages and copies

- Holds up to 650 sheets of ordinary bond paper
- Holds and uses letter- and legal-sized sheets simultaneously

Muratec dual access, for high-volume productivity

- Perform another task, even while the machine is busy

Money-saving high-speed operation

- 14.4 Kbps modem
- 4-second quick scan
- 6-ppm laser print engine
- 6-second transmission speed

Large, expandable document memory

- 78-page (1 MB) standard memory⁴
- Expandable to 718 pages
- 108-hour battery back-up

Broadcasting power

- Broadcasts to as many as 219 locations
- Performs and initiates relay broadcasts

Batch transmissions

- Saves documents in up to 5 "batch boxes"

Security and cost-control features

- Passcode protection for a variety of operations
- SecureMail™ for confidential documents
- Junk fax barrier
- PIN mask
- Security transmission and reception
- Closed-network operation
- Departmental coding

200-number autodialer

- 60 one-touch numbers, 140 speed-dial numbers

- 99 delayed dialing commands

- 32 call groups

- EasyDial™ alphanumeric directory dialing

12 programmable multi-function keys

OneLine +™ distinctive ring detection

- Works with special phone company services

ITU-T-standard superfine and Error Correction Mode (ECM)

- Provides the highest resolution and best image quality possible between faxes—regardless of manufacturer

50-page automatic document feeder

- Stacks transmitted and printed documents in original order

Automatic and manual large-document reduction

Image smoothing

64-level grayscale

Convenient copier mode

Complete journals, reports and displays

- Available in English, Spanish or French

User-controlled confirmation stamp

Automatic page numbering

EasyStart™ guided set-up

ENERGY STAR® compliance for energy efficiency

Optional upgrades for computer/fax connectivity and printing

- Parallel printer port for printing from Windows® PC
- Muratec Multi-Functional System™ with Class 1 modem, for interaction with Windows PCs or LANs—includes 200 x 400 PC scanning

¹ Based on transmission of ITU-T Test Document 1 to a Muratec fax. Your transmission times will vary, but your Muratec fax always will provide the fastest transmission speeds possible under ITU-T guidelines and phone line conditions.

² Muratec's Hyperfine provides near 300 x 300 dpi resolution between many Muratec faxes, and ITU-T standard superfine (203 x 392 dpi) with all other units, assuring the best-looking image possible.

³ Based on letter-sized sheets, 4% document coverage and continuous printing.

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



As an ENERGY STAR® partner, Muratec America, Inc. has determined that its products comply with the ENERGY STAR guidelines for energy efficiency.

Muratec, the Muratec logo and all Muratec product and feature names are trademarks of Muratec America, Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation. ENERGY STAR and the ENERGY STAR logo are registered marks of the United States Environmental Protection Agency.

All information in this document is subject to change without notice. Not all options available at product introduction.



Muratec America, Inc. • 6400 International Parkway, Suite 1500 • Plano, TX 75093. For more information on Muratec products and services, call (972) 364-3300 or visit our Web site at www.muratec.com • MK3070