A full-featured, high-value performer, the Epson FX-890 offers the durability and ease of use required for critical daily print requirements. This 9-pin, narrow-carriage workhorse boasts an MTBF rating of 20,000 power-on hours (POH) and speeds of up to 680 cps.

Engineered for seamless integration into virtually any system, it provides standard Parallel, USB, and additional connectivity options. And, it includes Epson Remote Configuration Manager™ software for easy printer setup and simple setting selections via most Windows® operating systems. Ideal for rugged environments, this robust printer is the perfect drop-in replacement for the Epson FX-880/880+/980 or Okidata® Microline® 320/320 Turbo.

An extremely reliable, high-speed performer, the Epson FX-890 races through forms up to 7 parts thick through four convenient paper paths. Its easy-to-install 7.5 million character ribbon cartridge boosts productivity and ensures a low cost per page, while its 400 million character print head life offers added dependability.

Complete with a newly designed control panel featuring a lock-out mode and other intuitive functions, this versatile product is the ideal solution for demanding print environments. And, as part of a comprehensive three-year warranty, it’s backed by superior technical support from the world leader in impact printing.

Key Features

- Ultra fast 9-pin printing
- Speeds through multipart forms, reports, labels, and more at up to 680 cps
- Extreme reliability in demanding print environments
- Offers an MTBF rating of 20,000 POH and a 400 million character print head life
- User-friendly setup and operation
  - Facilitates easy printer setup using a newly designed control panel or its Windows-based Epson Remote Configuration Manager
- Easy system integration
  - Provides resident Epson, IBM® and Microline printer languages for increased compatibility
  - Includes standard Parallel and USB connections, plus an additional slot for optional interface cards
- Easy-to-install 7.5 million character ribbon cartridge
  - Ensures a lower cost per page, and reduces the need for frequent user intervention
- Advanced paper handling capabilities
  - Includes four convenient paper paths to accommodate cut sheet paper and continuous forms up to 7 parts thick
- Standard three-year warranty
  - Includes access to Epson’s superior technical support

Easy integration and maximum productivity in demanding print environments
Printer Specifications

Printer Method
9-pin, serial impact dot matrix

Print Direction
Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands.

Print Speed

- Ultra Speed Draft: 600 cps (10 cpi)
- High Speed Draft: 550 cps (10 cpi)
- Draft: 419 cps (10 cpi)
- Letter-quality: 124 cps (7.5 cpi)

A nominal print speed is achieved when printer safety cover is fully closed.

Character Sets
13 character tables
13 international character sets

Resident Bitmapped Fonts

- Ultra Speed Draft: 10, 12 cpi
- High Speed Draft: 10, 12, 15, 17, 20 cpi
- Draft: 10, 12, 15, 17, 20 cpi, proportional

NLQ (Roman/Sans Serif): 10, 12, 15, 17, 20 cpi, proportional

Bar Code Fonts
- EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET, Codabar (NW-7), Industrial 2 of 5, Matrix 2 of 5

Formatting
1/6-inch or programmable in 1/432-inch increments

Line Spacing: 6 lines per inch default (8 lpi option available on FX-890 Okidata Mode only)

Paper Feed Mechanism

- Friction feed (front, rear)
- Push tractor (front, bottom, rear)
- Pull tractor (front, bottom, rear)
- Cut-sheet feeder (optional)
- Roll paper holder (optional)

Paper Feed Speed
62 millisecond per 1/6"
5" per second continuous feed

Paper Path

- Manual insertion
- Cut sheet feeder
- Top in, top out
- Pull tractor
- Front or rear in, top out
- Input Buffer: 128K

Sound Level
55 dBA (ISO 7779 pattern)

Power Requirements
Rated voltage: 120V AC
Input voltage range: 103.5 to 132V
Rated frequency range: 50 to 60 Hz
Input frequency range: 49.5 to 60.5 Hz

Physical Dimensions
Height: 6.6"
Width: 16.3"
Depth: 13.8"
Weight: 16.8 lb

Control Panel Functions
Font, pitch, pause, tear-off, bin selection, line feed, form feed, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selection

Reliability
Total print volume: 52 million lines (except print head)
MTBF: 25,000 POH (25% duty cycle)
Print head life: 400 million characters at 14 dots/character
Ribbon life: 7 million characters at 14 dots/character

Warranty
Three-year limited warranty in the U.S. and Canada

Software Drivers
Windows 95, 98, 2000, Me, XP and NT 4.0

Interface
Bidirectional Parallel (IEEE 1284 Nibble Mode supported), USB 1.1, Type-B slot for optional interface cards

Printer Language
Epson ESC/P®, IBM PPDS, Okidata Microline (FX-890, Okidata Mode only)

Paper Handling

Forms: continuous multipart, original plus 5 carbonless copies, 1 + 6 copies with pull tractor, maximum thickness .018"

Width

- Single sheets: 3.9" to 10.1"
- Continuous: 4.0" to 10.0"
- Cut-sheet feeder: 7.2" to 8.5"

Length

- Single sheets: 3.9" to 14.3"
- Continuous: 4.0" to 22.0"
- Cut-sheet feeder: 10.1" to 14.0"

No. 6 envelopes: 6.5" x 3.6"
No. 10 envelopes: 9.5" x 4.1"
Labels: 2.5" x 0.94" (minimum)
Roll paper: 8.5" width

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3840 Kiso Way, Long Beach, CA 90806

Epson Canada, Ltd.
3711 Victoria Park Avenue, Toronto, Ontario M1W 3S5

Ordering Information

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Test conducted by Seiko Epson Corporation.

** Additional tractor unit required