

# Easy integration and maximum productivity in demanding print environments



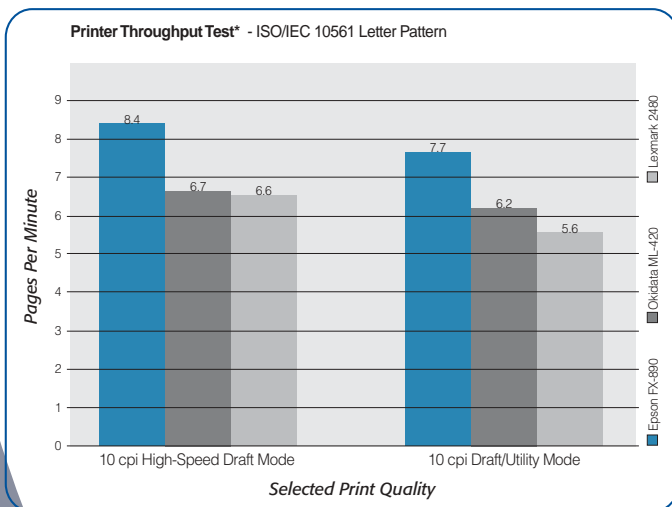
Epson FX-890

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 configuration 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

- Provides 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



Epson FX-890

EPSON®

IMPACT PRINTER  
**FX-890**

**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 | 680 cps (12 cpi) |
|                   | 566 cps (10 cpi) |
| High Speed Draft  | 559 cps (10 cpi) |
| Draft             | 419 cps (10 cpi) |
| Letter-quality    | 104 cps (10 cpi) |

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

**Column Width**

|        |     |
|--------|-----|
| 10 cpi | 80  |
| 12 cpi | 96  |
| 15 cpi | 120 |
| 17 cpi | 137 |
| 20 cpi | 160 |

**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**

Feeding method

|                                       |
|---------------------------------------|
| Friction feed (front, rear)           |
| Push tractor (front, rear)            |
| Pull tractor (front, bottom, rear)    |
| Push and pull tractor** (front, 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  | Front or rear in, top out        |
| Cut sheet feeder  | Top in, top out                  |
| Tractor           | Front rear or bottom in, top out |
| Pull push tractor | Front or rear in, top out        |

**Input Buffer**

128K

**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<sup>®</sup>, IBM PPDS, Okidata Microlines (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

**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, load, 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               | 20,000 POH (25% duty cycle)                 |
| Print head life    | 400 million characters at 14 dots/character |
| Ribbon life        | 7.5 million characters at 14 dots/character |

**Warranty**

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

\* Advanced print head design provides unmatched burst speed, allowing the Epson FX-890 to maximize performance by consistently performing at or near top speeds. Standardized ISO 10561 throughput tests illustrate how Epson's superior technology results in faster printing and greater print volume over time.  
Test conducted by Seiko Epson Corporation.

\*\* Additional tractor unit required

**Product Code**

**Description**

**UPC Code**

**Epson FX-890 and Accessories**

|            |  |                 |
|------------|--|-----------------|
| C11C524001 | Epson FX-890 Impact Printer  | 0 10343 84673 9 |
| S015329    | Ribbon Cartridge   | 0 10343 84803 1 |
| C800201    | Additional Push/Pull Tractor Unit                                  | 0 10343 80010 6 |
| C806371    | Single Bin Cut Sheet Feeder  | 0 10343 06003 6 |
| C806381    | High Capacity Cut Sheet Feeder                                     | 0 10343 06004 3 |
| 8310       | Roll Paper Holder  | 0 10343 82984 8 |
| C823051    | Serial Interface Board   | 0 10343 07003 5 |
| C823071    | 32KB Serial Interface Board  | 0 10343 07004 2 |
| C823121    | LocalTalk Interface  | 0 10343 81167 6 |
| C823141    | Coax Interface Board   | 0 10343 80016 8 |
| C823151    | Twinax Interface Board   | 0 10343 80017 5 |
| C823452    | Bidirectional Parallel Interface Board                             | 0 10343 81245 1 |
| C12C823912 | EpsonNet Multiprotocol 10/100 Base-TX Type-B Ethernet Print Server | 0 10343 83773 7 |



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