

# The wide-format solution for easy integration and maximum productivity

## Impact Printer FX-2190

With an expansive feature set and remarkable durability, the Epson FX-2190 impact printer offers the flexibility required for critical daily print requirements. Powerful, yet easy to use, this 9-pin, wide-carriage workhorse boasts an MTBF rating of 20,000 power-on hours (POH) and speeds of up to 680 cps.

An extremely reliable, high-value performer, the Epson FX-2190 provides Parallel, USB, and additional connectivity options for seamless integration. 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-1180/1180+/2180 or the Okidata® Microline® 321/321 Turbo.

The high-speed Epson FX-2190 races through forms up to 7 parts thick and 16.5" wide through four convenient paper paths. Its easy-to-install 12 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

### High-speed 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 (25% duty cycle) 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

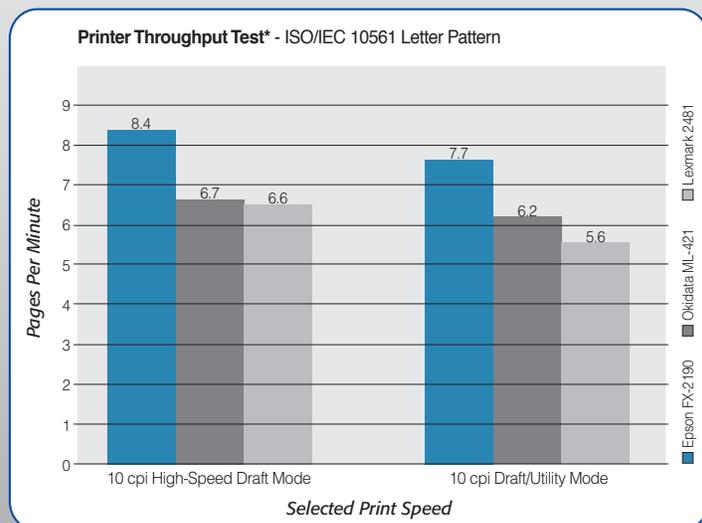
### Easy-to-install 12 million character ribbon cartridge

- 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 and 16.5" wide

Three-year warranty backed by Epson's superior service and support



## 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	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

### 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

### Column Width

10 cpi	136
12 cpi	163
15 cpi	204
17 cpi	233
20 cpi	272

### Formatting

1/6" or programmable in 1/432" increments

Line Spacing: 6 lines per inch default (8 lpi option available on FX-2190 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	Rear 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, Vista, 7, 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-2190, 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 16.5"
Continuous	4.0" to 16.0"
Cut sheet feeder	7.2" to 16.5"

#### 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	100 to 240V AC
Input voltage range	90 to 264V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz

### Power Consumption

Approx. 53W (ISO/IEC 10561)

Approx. 4W (in sleep mode)

0W in power off mode

Energy Star Compliant

### Physical Dimensions

Height	6.1"
Width	23.2"
Depth	13.8"
Weight	21.2 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

MTBF	20,000 POH (25% duty cycle)
Print head life	400 million characters at 14 dots/character
Ribbon life	12 million characters at 14 dots/character

### Warranty

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

### Support—The Epson Connection<sup>SM</sup>

Pre-Sales Support (US and Canada) (800) 463-7766  
Internet Website [www.epson.com](http://www.epson.com)

\* Advanced print head design provides unmatched burst speed, allowing the Epson FX-2190 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

**Better Products for a Better Future<sup>™</sup>**  
[eco.epson.com](http://eco.epson.com)

## Ordering Information

### Epson FX-1290

Product Code	Description
C11C526001	Epson FX-2190 Impact Printer
S015335	Ribbon Cartridge
C800211	Additional Push/Pull Tractor Unit

### Epson FX-1290

Product Code	Description
C12C824431	Serial Interface Board
C12C824352	EpsonNet Multiprotocol 10/100 Base-TX Type-B Ethernet Print Server

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