

# Epson® FX-2190II

## Impact Printer Series



Impact Printer

Business

## Wide-format impact printers built for demanding print environments.

**Extreme reliability** — long life cycle; durable design with very few moving parts; withstands dust, humidity and extreme temperatures

**Low cost of ownership** — up-to-12-million-character ribbon cartridge<sup>1</sup> offers a low cost per page and reduces the frequency of user interventions

**Powerful productivity** — ultra fast, wide-format, 9-pin printer speeds through multipart forms and reports at up to 738 cps<sup>2</sup>

**Seamless integration with both new and legacy systems** — includes Epson ESC/P®, IBM PPDS and MICROLINE printer languages for greater flexibility

**Advanced paper handling** — simple paper path for remarkable reliability; accommodates cut-sheet paper and continuous or multipart forms up to 7 pages thick

**Easy setup and operation** — user-friendly control panel with intuitive setup and configuration features

**Low power consumption** — ENERGY STAR® V2.0 compliant

**Multiple connectivity** — Parallel and USB connectivity

**Serial port and Ethernet compatible** — network card supports IPv6<sup>3</sup>

**Printer**

**Printing 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<sup>2</sup>**

Ultra Speed Draft: 738 cps (12 cpi), 615 cps (10 cpi)  
 High Speed Draft: 612 cps (10 cpi)  
 Draft: 463 cps (10 cpi)  
 Letter Quality: 115 cps (10 cpi)

Note: Normal print speed is achieved when printer safety cover is fully closed.

**Character Sets**

13 character tables  
 13 international countries 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

**Barcode 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" programmable in 1/432" increments  
 Line spacing: 6 lines per inch (lpi) default (8 lpi option available on FX-2190II Series Oki Data 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), Roll paper holder (optional)

**Paper Feed Speed** 45 milliseconds per 1/6", 5.3" 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

**Paper Handling**

**Media Type** Forms, continuous, multipart (original + 5 carbonless copies, 1 + 6 copies) with Pull tractor (optional), Envelope No. 6, Envelope No. 10, labels, and roll paper

**Maximum Thickness** .018" (0.4572 mm)

**Width**

Single Sheet: 3.9" to 16.5"  
 Continuous: 4.0" to 16.0"  
 Cut-sheet Feeder: 7.2" to 16.5"

**Length**

Single Sheet: 3.9" to 14.3"  
 Continuous: 4.0" to 22.0"  
 Cut-sheet Feeder: 10.1" to 14.0"

**General**

**Interfaces**

Standard: Bidirectional Parallel (IEEE 1284 Nibble Mode supported), USB 2.0  
 Optional (Factory configuration only): Serial Interface Board (FX-2190II N only), Network 10/100Base-TX Interface Board (FX-2190II N only)

**Control Panel Functions** Font, Pitch, Pause, Tear-off/Bin selection, Line feed/Form feed, Load/Eject, Micro-adjust, Reset, Self test, Data dump, and Default setting selection

**Reliability**

MTBF: 25,000 POH (25% duty cycle)  
 MVBF: 52 million lines (Except printhead)  
 Printhead Life: 400 million characters at 14 dots/character<sup>1</sup>  
 Ribbon Life: 12 million characters at 14 dots/character<sup>1</sup>

**Input Data Buffer**

Size: 128Kb

**Dimensions (W x D x H)** 24.1" x 14.8" x 6.9"  
 (612 x 375 x 176.5 mm)

**Weight** 20.7 lb (9.4 kg)

**Safety Standards**

UL62368-1, CAN/CSA C22.2 No. 60950-1, IEC/EN62368-1  
 EMI: FCC part15 subpart B class A, ICES-003 Class A, EN55032 (CISPR pu.32) class A, As/NZS CISPR32 class A  
 CE Markings: EN62368-1, EN55032 class A, EN61000-3-2, EN61000-3-3, E55024

**Sound Level** Noise: 55 dBA (ISO 7779 pattern)

**Power Requirements**

Rated Voltage: AC 100 to 240 V  
 Input Voltage Range: AC 90 to 264 V  
 Rated Frequency Range: 50 to 60 Hz  
 Input Frequency Range: 49.5 to 60.5 Hz

**Power Consumption**

Operating Mode: Approx. 57 W (ISO/IEC 10561 Letter pattern)  
 Ready Mode: Approx. 12 W  
 Sleep Mode: < 0.04 W (Network model)  
 ENERGY STAR Compliant: Certified with V2.0

**Software**

**Drivers** OS Support: Microsoft® Windows Vista®; Windows® 7, XP, 8, 10; Windows Server® 2003, 2008, 2012, 2016

**Printer Language**

Epson ESC/P  
 IBM PPDS  
 Oki Data MICROLINE (Oki Data Mode only)

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

**Warranty**

Standard 3-year limited warranty in the U.S. and Canada

**Support Center – The Epson Connection<sup>SM</sup>**

Pre-Sales Support (U.S. and Canada): (800) 463-7766  
 Website: www.epson.com

**What's in the Box**

Epson FX-2190II or FX-2190II N Impact Printer, AC Adapter, User's Manual/Start Here Guide, Setup Guide, CD Driver, Warranty Certificate

**Ordering Information**

FX-2190II	C11CF38201
FX-2190II N	C11CF38202
Ribbon Cartridge	C13S015602
Push/Pull Tractor Unit	C12C933791
Optional Sheet Guide	C12C933811
Single-bin Cut-sheet Feeder	C12C806391
High-capacity Cut-sheet Feeder	C12C806401
Roll Paper Holder	C12C811141

<sup>1</sup> Based on Draft Mode printing. | <sup>2</sup> Based on Ultra Speed Draft Mode at 12 cpi. | <sup>3</sup> Only available on the FX-2190II NT model. | <sup>4</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>5</sup> SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)



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