

# Epson® FX-890II Impact Printer Series



Impact Printer

Business

## High-performance 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-7.5-million-character ribbon cartridge<sup>1</sup> offers a low cost per page and reduces the frequency of user interventions

**Powerful productivity** — ultra fast 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 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

**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**  
 Ultra Speed Draft: 738 cps (12 cpi), 615 cps (10 cpi)  
 High Speed Draft: 6120 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: 80  
 12 cpi: 96  
 15 cpi: 120  
 17 cpi: 137  
 20 cpi: 160

**Formatting**  
 1/6" programmable in 1/432" increments  
 Line Spacing: 6 lines per inch default (8 lpi option available on FX-890II 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 millisecond 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** 0.018" (0.4572 mm)  
**Width**  
 Single Sheet: 3.9" to 10.1"  
 Continuous: 4.0" to 10.0"  
 Cut-sheet Feeder: 7.2" to 8.5"  
**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-890II NT only), Network 10/100Base-TX Interface Board (FX-890II NT 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: 7.5 million characters at 14 dots/character<sup>1</sup>

**Input Data Buffer**  
 Size: 128KB  
**Dimensions (W x D x H)** 17.2" x 14.8" x 6.9" (437 x 375 x 176.5 mm)

**Weight** 15.9 lb (7.2 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 V 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: < 0.09 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 PDS  
 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**  
 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-890II or FX-890II NT Impact Printer, AC Adapter, User's Manual/Start Here Guide, Setup Guide, CD Driver, Warranty Certificate

**Ordering Information**

FX-890II	C11CF37201
FX-890II NT	C11CF37202
Ribbon Cartridge	S015329
Pull Tractor Unit	C12C933761
Optional Sheet Guide	C12C933781
Single-bin Cut-sheet Feeder	C806371
High-capacity Cut-sheet Feeder	C806381
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-890II 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.

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