

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 cartridge¹ 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 cps²

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 IPv6³

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 N only), Network 10/100Base-TX Interface Board (FX-890II 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)
 MVB: 52 million lines (except printhead)
 Printhead life: 400 million characters at 14 dots/character¹
 Ribbon life: 7.5 million characters at 14 dots/character¹

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 PPDS
 OKI Data Microline (OKI Data Mode only)

Eco Features

RoHS compliant
 Recyclable product⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

Warranty

Standard 3-year limited warranty in the U.S. and Canada
Support Center
 Epson ConnectionSM
 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 Impact Printer, AC Adapter, User's Manual/Start Here Guide, Setup Guide, CD Driver, Warranty Certificate

Ordering Information

FX-890II	C11CF37201
FX-890II N	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

¹ Based on Draft Mode printing. | ² Based on Ultra Speed Draft Mode at 12 cpi. | ³ Only available on the FX-890II NT model. | ⁴ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁵ 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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