DOT MATRIX PRINTER
9-PIN
FX-890

EPSON
EXCEED YOUR VISION

THE HIGH-PERFORMANCE DOT MATRIX PRINTER OF CHOICE.

Designed to handle even the most demanding commercial environments, the FX-890 is fast, reliable and tough. Featuring impressive print speeds of up to 680cps and multi-part printing capabilities, this versatile printer delivers consistent performance to boost productivity. With excellent paper handling features and multiple paper paths, the FX-890 promises detailed high-quality prints in a wide range of outputs.

Print

High Speed Printing

Power Savings

Cost Effective

IT'S IN THE DETAILS.

High-speed Printing
Enjoy added productivity with fast print speeds of up to 680cps.

Flexible Paper Handling
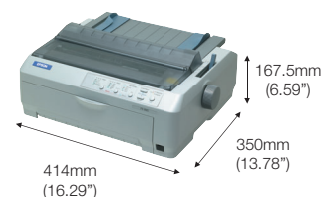Load different media types simultaneously with rear, bottom and front input paths.

Multi-part Printing
Produce up to 7 high-quality documents (original + 6 copies) at the same time.

MODEL NUMBER		FX-890
Printer Technology		
Printing Method		Impact Dot Matrix
Number of Pins in Head		2 x 9 pins
Print Direction		Bi-direction with logic seeking
Printer Speed		
Ultra Speed Draft	10 / 12 cpi	566 / 680 cps
High Speed Draft	10 / 12 / 15 cpi	559 / 627 / 629 cps
High Speed Draft Condensed	17 / 20 cpi	595 / 541 cps
Draft	10 / 12 / 15 cpi	419 / 503 / 405 cps
Draft Condensed	17 / 20 cpi	359 / 419 cps
Draft Emphasised	10 cpi	209 cps
NLQ	10 / 12 / 15 / 17 / 20 cpi	104.6 / 125.9 / 100.8 / 89.7 / 104.6 cps
Print Characteristics		
Character Sets		13 International Character Sets 13 Character Code Tables (Standard): Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCII,Roman 8, ISO Latin 1, PC858, ISO 8859-15
Bitmap Fonts		Epson Draft 10cpi, 12cpi, 15cpi Epson Roman 10cpi, 12cpi, 15cpi, Proportional Epson Sans Serif 10cpi, 12cpi, 15cpi, Proportional
Barcode Fonts		EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Printable Columns		
Pitch	10 / 12 / 15 / 17 / 20 cpi	80 / 96 / 120 / 137 / 160 cpl
Paper Handling		
Paper Path		Manual Insertion (front or rear in, top out), Push Tractor (front or rear in, top out), Pull Tractor (front or rear or bottom in, top out), Cut Sheet Feeder (rear in, top out)

Paper / Media	Length	Width	Thickness
Cut Sheet (Single Sheet)	100 - 364 mm (3.93 - 14.33")	100 - 257 mm (3.93- 10.11")	0.065 - 0.14 mm (0.0025 - 0.0055")
Cut Sheet (Multi-part)	100 - 364 mm (3.93 - 14.33")	100 - 257 mm (3.93- 10.11")	0.12 - 0.46 mm (0.0047 - 0.018")
Envelope (No.6, No. 10)			0.16 - 0.52 mm (0.0063 - 0.020")
Continuous Paper (Single Sheet / Multi-part)	101.6 - 558.8 mm (4 - 22")	101.6 - 254 mm (4 - 10")	0.065 - 0.46 mm (0.0025 - 0.018")
Label (Base Sheet)	101.6 - 558.8 mm (4 - 22")	101.6 - 254 mm (4 - 10")	0.07 - 0.09 mm (0.0028 - 0.0035") 0.16 - 0.19 mm (0.0063 - 0.0075") (Total)

Paper Feeding	Standard	Friction Feed (Rear in, Top out / Front in, Top out) Push Tractor Feed (Rear in, Top out / Front in, Top out) Pull Tractor Feed (Rear in, Top out / Front in, Top out / Bottom in, Top out)
	Optional Feeder	Cut Sheet Feeder (Rear in, Top out) Push-Pull Tractor (Rear in, Top out / Front in, Top out)
Copies		1 Original + 5 Copies always 1 Original + 6 Copies at Pull Tractor Feed (front, rear, bottom)
Line Spacing		4.23mm (1/6") or programmable in increments of 0.059mm (1/432")
Acoustic Noise		55 dB(A) (ISO7779 pattern)
Input Data Buffer		128 KB
Interface		Bi-directional Parallel Interface (IEEE-1284 nibble mode supported), USB 1/F Type B I/F Level 2 (Option)
Ribbon Cartridge	Standard	Fabric Ribbon Cartridge (Black)
	Ribbon Life	Approx. 7.5 million characters (Draft 10cpi, 14 dots/character)[1]
Reliability		
Mean Print Volume Between Failure (MVBF)		52 million lines (except print head) (25% Duty)
Mean Time Between Failure (MTBF)		20,000 Power On Hours (POH)
Print Head Life		400 million strokes / wire (Draft 10cpi, 14 dots/character)
Control Panel		6 Switches and 10 LEDs
Environmental Conditions (Operating)		
Temperature[2]		5 - 35°C
Humidity[2]		10 - 80% RH
Electrical Specification		
Rated Voltage		AC 220 - 240 V
Rated Frequency		50 - 60 Hz
Power Consumption		Approx. 53W (ISO/IEC10561 Letter Pattern)
Printer Driver / Utility		
Operating System		Microsoft® Windows® 95 / 98 / 2000 / Me / XP, Microsoft® Windows® NT® Operating System Version 4.0, Windows Vista / 8 / 8.1 / 10 (For Windows 7, please use Windows 7 OS bundled printer driver)
Utility		Epson Status Monitor ver.5 (Microsoft® Windows® 95 / 98 / 2000 / Me / XP / Vista / 8 / 8.1 / 10 (For Windows 7, please use Windows 7 OS bundled printer driver) Microsoft® Windows® NT® Operating System Version 4.0 environment only)

Dimensions & Weight

Weight: Approx. 7.2kg (15.87lbs)

167.5mm (6.59")
350mm (13.78")
414mm (16.29")

Options and Consumables

Ribbon Cartridge (Black)	C13S015585
High Capability Cut Sheet Feeder	C12C806382
Single Bin Cut Sheet Feeder	C12C806372

Legend

cpi	Characters per inch (Characters per 25.4mm)
cps	Characters per second
cpl	Character per line

[1] Actual print yield may vary depending on usage purpose and environment

[2] Without condensation

Information correct as at March 2019