

9-PIN
DOT MATRIX
PRINTER

EPSON DOT MATRIX FX-890 / FX-2190

fast, reliable dot matrix printing



Rugged, 9-pin Dot Matrix printing. Perfect for back-office or front-office printing on multi-part stationery. Available in 80 or 136 column.

- High performance, 9-pin Print Head
- Rapid print speeds up to 680cps
- Up to 7-part forms printing capability (original + 6 copies)
- Flexible paper handling - load from rear, bottom or front
- User friendly control panel and setting selection
- Available in both 80 column and 136 column models

EPSON®

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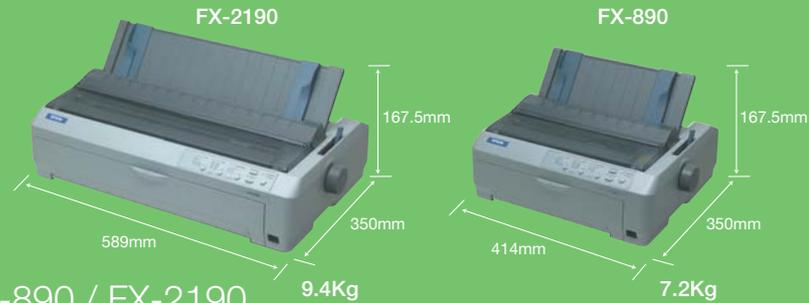
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09/03

9-PIN DOT MATRIX PRINTER

EPSON DOT MATRIX FX-890 / FX-2190 Specifications



PRINTER TYPE	Impact Dot Matrix	
NUMBER OF PINS IN HEAD	2 x 9 pins	
PRINT DIRECTION	Bi-directional with logic seeking	
PRINT SPEED		
ULTRA SPEED DRAFT	10CPI	566 cps
ULTRA SPEED DRAFT	12CPI	680 cps
HIGH SPEED DRAFT	10CPI	559 cps
HIGH SPEED DRAFT	12CPI	627 cps
HIGH SPEED DRAFT	15CPI	629 cps
HIGH SPEED DRAFT	17CPI (Condensed)	595 cps
HIGH SPEED DRAFT	20CPI (Condensed)	541 cps
DRAFT	10CPI	419 cps
DRAFT	12CPI	503 cps
DRAFT	15CPI	405 cps
DRAFT	17CPI (Condensed)	359 cps
DRAFT	20CPI	419 cps
DRAFT	10CPI (Emphasised)	209 cps
NLQ	10CPI	104.6 cps
NLQ	12CPI	125.9 cps
NLQ	15CPI	100.8 cps
NLQ	17CPI	89.7 cps
NLQ	20CPI	104.6 cps
PRINT CHARACTERISTICS		
CHARACTER SETS	13 International character sets 13 character code tables (Standard) Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCI, Roman 8, ISO Latin 1, PC858, ISO 8859-15	
BIT MAP FONT	EPSON Draft 10 CPI, 12 CPI, 15 CPI EPSON Roman 10 CPI, 12 CPI, 15 CPI, Proportional EPSON Sans Serif 10 CPI, 12 CPI, 15 CPI, Proportional	
BAR CODE	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET	
PRINTABLE COLUMNS	(CHARACTERS PER LINE)	
PITCH	FX-890	FX-2190
10CPI	80	136
12CPI	96	163
15CPI	120	204
17CPI	137	233
20CPI	160	272
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)	
CUT SHEET SIZE	FX-890	Width 100 – 257 mm Length 100 – 364 mm
	FX-2190	Width 100 – 420 mm Length 100 – 364 mm
ENVELOPES	No.6, No.10	
CONTINUOUS PAPER SIZE	FX-890	Width 101.6 – 254 mm Length 101.6 – 558.8 mm
	FX-2190	Width 101.6 – 406.4 mm Length 101.6 – 558.8 mm
PAPER THICKNESS	0.065 – 0.46 mm (0.0025 – 0.018 inch)	
CUT SHEET	Single Sheet	0.065 – 0.14 mm (0.0028 – 0.0035 inch)
	Multi part	0.16 – 0.52 mm (0.0063 – 0.0075 inch)
ENVELOPES	0.16 – 0.52 mm (Single sheet / multi part)	
CONTINUOUS PAPER	0.065 – 0.46 mm (0.0025 – 0.018 inch)	
	0.07 – 0.09 mm (0.0028 – 0.0035 inch)	
LABEL	Label Base Sheet	0.16 – 0.19 mm (0.0063 – 0.0075 inch)
	Total Label	(rear in, top out)
PAPER FEEDING	Standard	Friction (rear in, top out)
		(front in, top out)
	Push Tractor	(rear in, top out)
		(front in, top out)
	Pull Tractor	(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)
COPY	1 original + 5 copies always 1 original + 6 copies at pull tractor feed (front, rear, bottom)	
ACOUSTIC NOISE	55 dB(A) (ISO7779 pattern)	
LINE SPACING	4.23mm (1/6 inch) or programmable in increments of .0295mm (1/216 inch)	

INPUT DATA BUFFER	128 KByte	
INTERFACE		
STANDARD	Bi-directional parallel interface (IEEE-1284 nibble mode supported), USB (ver 1.1) I/F Type B I/F level 2	
OPTION		
RIBBON CARTRIDGE		
COLOUR	Black	
TYPE	Fabric	
RIBBON LIFE	FX-890	Approx. 7.5 million characters (Draft 10 cpi, 14 dots/character)
	FX-2190	Approx. 12 million characters (Draft 10 cpi, 14 dots/character)

RELIABILITY	(25% duty cycle) Mean Print Volume Between Failure (MVB/F)	
	: 52 million lines (except print head)	
MTBF	: 20000 POH	
PRINT HEAD LIFE	: 400 million strokes/wire (Draft 10 cpi, 14 dots/character)	

CONTROL PANEL	6 switches and 10 LEDs	
ENVIRONMENTAL CONDITIONS (OPERATING)		
TEMPERATURE	5–35°C	
HUMIDITY	10–80% RH	

ELECTRICAL SPECIFICATIONS		
RATED VOLTAGE	AC 220–240V	
RATED FREQUENCY	50–60Hz	
POWER CONSUMPTION	Approx. 53W (ISO/IEC10561 Letter pattern) Energy Star Compliant	

DIMENSIONS	FX-890	FX-2190
WIDTH	414mm	589mm
DEPTH	350mm	350mm
HEIGHT	167.5mm	167.5mm
WEIGHT	Approx. 7.2 kg	Approx. 9.4 kg

PRINTER DRIVER/ UTILITY		
OS	Microsoft® Windows® 95/98/2000/Me/XP and Microsoft® Windows® NT® operating system Version 4.0	
UTILITY	EPSON Status Monitor 3 (Microsoft® Windows® 95/98/2000/Me/XP and Microsoft® Windows® NT® operating system Version 4.0 environment only)	

OPTIONS	FX-890	FX-2190
RIBBON CARTRIDGE(BLACK)	S015329	S015327
HIGH CAPABILITY CUT SHEET FEEDER	C806382	C806402
SINGLE BIN CUT SHEET FEEDER	C806372	C806392
PULL TRACTOR UNIT	C800202	C800212
SERIAL I/F CARD	C823061	C823061
32KB INTELLIGENT SERIAL I/F CARD	C823081	C823081
EPSONNET 10/100 BASE TX INT. PRINT SERVER2	C823914	C823914



As an International ENERGY STAR Partner,
EPSON has determined that this product meets the
International ENERGY STAR Program for energy efficiency.

ESC/P

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