

EXPERIENCE RUGGED RELIABILITY AND POWERFUL PERFORMANCE.



Discover a new way to print all business documents with Epson's FX-2190II and FX-2190IIN dot matrix printers. Designed to deliver absolute performance and reliability, these powerful printers offer blazing print speeds of up to 615cps and the MTBF (Mean Time Before Failure) of 25,000 POH (Power On Hours). With the built-in network connectivity* function, printing efficiently is achieved in the most convenient way.



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Print
- 
High Speed Printing
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Cost Effective
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Power Savings
- 
Ethernet



Epson genuine ribbons ensure greater yield, better quality and longer lifespan.

Unparalleled Productivity

Boost productivity with fast print speeds of up to 615 cps (10 cpi) and 128 KB memory buffer.

Rugged Reliability

Enjoy cost savings, superior print quality and minimal downtime with a MTBF of 25,000 POH.

Superior Connectivity

Stay connected and experience fuss-free printing with built-in network connectivity* via Ethernet cable.

* FX-2190IIN only.

MODEL NUMBER	FX-2190II	FX-2190IIN		
Printer Technology				
Printing Method	Impact dot matrix			
Number of Pins in Head	9 pins			
Print Direction	Bi-direction with logic seeking			
Control Code	ESC/P2, IBM PPDS			
Printer Speed				
Ultra Speed Draft	10cpi	615 cps		
High Speed Draft	10cpi	612 cps		
Draft	10cpi	463 cps		
NLQ	10cpi	115 cps		
Print Characteristics				
Character Table	1 Italic and 12 graphical character tables: Italic table, PC437(US, StandardEurope), PC850(Multilingual), PC860(Portuguese), PC861(Icelandic), PC865(Nordic), PC863 (Canadian-French), Abicomp, BRASCI, Roman 8, ISO Latin 1, PC858, ISO 8859-15			
Bitmap Fonts Draft	10, 12, 15 cpi			
Scalable Fonts	Epson Roman / Sans Serif			
Barcode Fonts	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET			
Printable Columns				
Pitch	10cpi	136 cpl		
Paper Handling				
Paper Path	Manual Insertion (front or rear in, top out), Push Factor (front or rear in, top out), Pull Tractor (front, rear or bottom in, top out)			
Paper / Media				
Cut Sheet (Single Sheet)	Entry: Front	Length 100 - 420 mm (3.9 - 16.5")	Width 100 - 420 mm (3.9 - 16.5")	Thickness 0.065 - 0.14 mm (0.0025 - 0.0055")
	Entry: Rear	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.065 - 0.14 mm (0.0025 - 0.0055")
Cut Sheet (Multi-part Sheet)	Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.12 - 0.46 mm (0.0047 - 0.018")
	Entry: Rear	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.12 - 0.46 mm (0.0047 - 0.018")
Continuous Paper (Single Sheet / Multi-part)	Entry: Front, Rear, Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 406.4 mm (4.0 - 16.0")	0.065 - 0.46 mm (0.0025 - 0.018")
	Copies	Original + 6 copies		
Envelope (No.6)	Entry: Rear	92 mm (3.6")	165 mm (6.5")	0.16 - 0.52 mm (0.0063 - 0.0205")
Envelope (No.10)	Entry: Rear	105 mm (4.1")	241 mm (9.5")	0.16 - 0.52 mm (0.0063 - 0.0205")
Label (Base Sheet)	Entry: Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 406.4 mm (4.0 - 16.0")	0.16 - 0.19 mm (0.0063 - 0.0075")
Card	Entry: Front, Rear	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")	0.22 mm (0.0087")
Roll Paper	Entry: Rear	Diameter	Width	Thickness
		127mm (5")	216 mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.0035")
Line Spacing	4.23mm (1/6") or programmable in increments of 0.059mm (1/432")			
Acoustic Noise			55 dB	
Input Data Buffer			128KB	
Interface			USB 2.0, Bi-directional parallel (IEEE-1284 nibble mode supported) USB 2.0, Bi-directional parallel (IEEE-1284 nibble mode supported) Serial, 100base-Tx wired LAN	
Ribbon Cartridge			Standard Ribbon Life	
Standard			Fabric Ribbon Cartridge (Black)	
Ribbon Life			Approx. 12 million Characters ¹	
Reliability			52 million lines (except print head)	
Mean Print Volume Between Failure (MVPF)			25,000 Power On Hours (POH) (25% Duty)	
Mean Time Between Failure (MTBF)			400 million strokes / wire	
Print Head Life			6 switches and 10 LEDs	
Control Panel			6 switches and 10 LEDs	
Environmental Conditions (Operating)			5 - 35 °C	
Temperature ²			10 - 80% RH	
Humidity ²				
Electrical Specification			AC 220 - 240 V	
Rated Voltage			50 Hz - 60 Hz	
Rated Frequency			54W	
Power Consumption			Operating	
			Sleep Mode	
			Power Off	
0.5W			0.8W	
0.1W in power off mode				
Supported Operating System			Microsoft Windows XP / Vista / 7 / 8 / 10	
Printer Driver			Epson Status Monitor 3: Microsoft Windows XP / Vista / 7 / 8 / 10	
Utility			Epson Setting Utility: Microsoft Windows XP / Vista / 7 / 8 / 10	

Dimensions & Weight

Weight: Approx. 9.4kg (20.8lbs)



Options and Consumables

Pull Tractor Unit	C12C933761
Ribbon Cartridge	C13S015584
Single Bin Cut Sheet Feeder	C12C806392

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



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