

**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.



-   
Print
-   
High Speed Printing
-   
Cost Effective
-   
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**

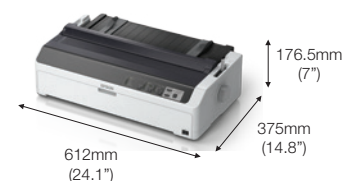
Stay connected and experience fuss-free printing with built-in network connectivity\* via Ethernet cable.

\* FX-2190IIN only.

MODEL NUMBER	FX-2190II	FX-2190IIN	
<b>Printer Technology</b>			
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		
<b>Printer Speed</b>			
Ultra Speed Draft	10cpi	615 cps	
High Speed Draft	10cpi	612 cps	
Draft	10cpi	463 cps	
NLQ	10cpi	115 cps	
<b>Print Characteristics</b>			
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		
<b>Printable Columns</b>			
Pitch	10cpi	136 cpl	
<b>Paper Handling</b>			
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	<b>Length</b>	<b>Width</b>	
Cut Sheet (Single Sheet)	Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
	Entry: Rear	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
Cut Sheet (Multi-part Sheet)	Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
	Entry: Rear	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")
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")
	Copies	Original + 6 copies	
Envelope (No.6)	Entry: Rear	92 mm (3.6")	165 mm (6.5")
Envelope (No.10)	Entry: Rear	105 mm (4.1")	241 mm (9.5")
Label (Base Sheet)	Entry: Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 406.4 mm (4.0 - 16.0")
Card	Entry: Front, Rear	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")
Roll Paper	Entry: Rear	<b>Diameter</b>	<b>Width</b>
		127mm (5")	216 mm (8.5")
Line Spacing	4.23mm (1/6") or programmable in increments of 0.059mm (1/432")		
<b>Acoustic Noise</b>	55 dB		
<b>Input Data Buffer</b>	128KB		
<b>Interface</b>	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	
<b>Ribbon Cartridge</b>	Standard Ribbon Life	Fabric Ribbon Cartridge (Black) Approx. 12 million Characters <sup>1</sup>	
<b>Reliability</b>	Mean Print Volume Between Failure (MVBFB)	52 million lines (except print head)	
Mean Time Between Failure (MTBF)	25,000 Power On Hours (POH) (25% Duty)		
Print Head Life	400 million strokes / wire		
<b>Control Panel</b>	6 switches and 10 LEDs		
<b>Environmental Conditions (Operating)</b>			
Temperature <sup>2</sup>	5 - 35 °C		
Humidity <sup>2</sup>	10 - 80% RH		
<b>Electrical Specification</b>			
Rated Voltage	AC 220 - 240 V		
Rated Frequency	50 Hz - 60 Hz		
Power Consumption	Operating	54W	
	Sleep Mode	0.5W	
	Power Off	0.1W in power off mode	
<b>Supported Operating System</b>			
Printer Driver	Microsoft Windows XP / Vista / 7 / 8 / 10		
Utility	Epson Status Monitor 3: Microsoft Windows XP / Vista / 7 / 8 / 10 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

<sup>1</sup> Actual print yield may vary depending on usage purpose and environment  
<sup>2</sup> Without condensation



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Dealer's Stamp

Information correct at time of printing  
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For latest specifications, visit [www.epson.com.sg/dotmatrix](http://www.epson.com.sg/dotmatrix) or call **+65 800 120 5564**.