

**EXPERIENCE RUGGED RELIABILITY AND POWERFUL PERFORMANCE.**



Discover a new way to print all business documents with Epson's FX-2190II, FX-2190IIN, FX-2175II and FX-2175IIN dot matrix printers. Designed to deliver absolute performance and reliability, these powerful printers offer blazing print speeds of up to 615cps and an MTBF (Mean Time Before Failure) of up to 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.

**IT'S IN THE DETAILS.**

**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 up to 25,000 POH.

**Superior Connectivity**

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

\*FX-2190IIN and FX-2175IIN only.

**SPECIFICATIONS**  
**FX-2175II/2175IIN/2190II/2190IIN**

MODEL NUMBER	FX-2175II	FX-2175IIN	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	496cpi	615 cps				
High Speed Draft	10cpi	496cpi	612 cps				
Draft	10cpi	372dpi	463 cps				
NLQ	10cpi	93cpi	115 cps				
<b>Print Characteristics</b>							
Character Table	1 Italic and 12 graphical character tables: Italic table, PC437 (US, Standard/Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC865 (Nordic), PC863 (Canadian-French), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC858, ISO 8859-15						
<b>Bitmap Fonts</b>							
Epson Draft	10, 12, 15 cpi						
Epson Roman / Epson Sans Serif	10, 12, 15 cpi, Proportional		N/A				
Scalable Fonts	Epson Roman / Epson 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)						
<b>Paper / Media</b>							
<b>Cut Sheet (Single Sheet)</b>							
Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.065 - 0.14 mm (0.0025 - 0.0055")	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	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")	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.065 - 0.14 mm (0.0025 - 0.0055")	
<b>Cut Sheet (Multi-part Sheet)</b>							
Entry: Front	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.12 - 0.39 mm (0.0047 - 0.015")	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 - 0.39 mm (0.0047 - 0.015")	100 - 420 mm (3.9 - 16.5")	100 - 420 mm (3.9 - 16.5")	0.12 - 0.46 mm (0.0047 - 0.018")	
<b>Continuous Paper (Single Sheet / Multi-part)</b>							
Entry: Front / Rear / Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 406.4 mm (4.0 - 16.0")	0.065 - 0.39 mm (0.0025 - 0.015")	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 + 4 copies							
Envelope (No.6)	Entry: Rear	92 mm (3.6")	165 mm (6.5")	0.16 - 0.52 mm (0.0063 - 0.0205")	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")	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")	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")	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")	0.22 mm (0.0087")
Roll Paper	Entry: Rear	<b>Diameter</b> 127mm (5")	<b>Width</b> 216 mm (8.5")	<b>Thickness</b> 0.07 - 0.09 mm (0.0028 - 0.035")	<b>Diameter</b> 127mm (5")	<b>Width</b> 216 mm (8.5")	<b>Thickness</b> 0.07 - 0.09 mm (0.0028 - 0.035")
Line Spacing	4.23mm (1/6") or programmable in increments of 0.059mm (1/432")						
<b>Acoustic Noise</b>	56 dB			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		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	Fabric Ribbon Cartridge (Black)					
Ribbon Life	Approx. 12 million Characters <sup>1</sup>						
<b>Reliability</b>							
Mean Print Volume Between Failure (MVBF)	30 million lines (except print head)			52 million lines (except print head)			
Mean Time Between Failure (MTBF)	15,000 Power On Hours (POH) (25% Duty)			25,000 Power On Hours (POH) (25% Duty)			
Print Head Life	200 million strokes/wire			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	54W						
Operating	0.5W						
Sleep Mode	0.5W		0.8W		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	C12C933791
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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