DOT MATRIX PRINTERS
9-PIN WIDE CARRIAGE
FX-2175II/2175IIN/2190II/2190IIN

EPSON

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.

QUALITY & VALUE GENUINE SUPPLIES

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

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

EPSON

MODEL NUMBER		FX-2175II	FX-2175IIN	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	496 cpi		615 cps	
High Speed Draft	10cpi	496 cpi		612 cps	
Draft	10cpi	372 dpi		463 cps	
NLQ	10cpi	93 cpi		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, BRASCII, Roman 8, ISO Latin 1, PC858, ISO 8859-15
Bitmap Fonts		
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

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		Length	Width	Thickness	Length	Width	Thickness
Cut Sheet (Single Sheet)							
	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")
Cut Sheet (Multi-part Sheet)							
	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")
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 - 0.39 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			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")	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")
		Diameter	**Width**	**Thickness**	**Diameter**	**Width**	**Thickness**
Roll Paper	Entry: Rear	127mm (5")	216 mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.035")	127mm (5")	216 mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.035")
Line Spacing		4.23mm (1/6") or programmable in increments of 0.059mm (1/432")					

Acoustic Noise	56 dB	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	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	Fabric Ribbon Cartridge (Black)
	Ribbon Life	Approx. 12 million Characters[1]

Reliability

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	

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 Hz - 60 Hz			
Power Consumption	Operating	54 W			
	Sleep Mode	0.5 W	0.8 W	0.5 W	0.8 W
	Power Off	0.1 W in power off mode			

Supported Operating System

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. 9.4 kg (20.8 lbs)

176.5 mm (7")
375 mm (14.8")
612 mm (24.1")

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

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

*2 Without condensation

ENERGY STAR

Information correct as of March 2025.

eClean
e-Waste to e-Clean
call . clear . clean

EPSON SERVICE

Epson Helpline: For product info or service - 1800 425 0011
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