Epson

FX-890 & FX-2190

Serial Impact Printers

When you can't afford downtime, count on Epson serial impact printers. They're designed with the speed, performance and reliability you need to keep your retail business running.

Both the Epson FX-890 and the FX-2190 are the fastest in their class, accommodate up to 7-part forms and offer the durability needed in high-volume retail environments.

- Fastest and highest reliability in their class
- Long ribbon life ensures lowest cost per page
- Four paper paths for superior paper handling
- Print single sheets and up to 7-part forms
- A special ruggedized version, the FX-890A, is available for airlines
- FX-890 ribbon cartridge life 7.5 million characters; FX-2190 12 million characters
- Drop-in replacements for Okidata Microline® 320/321 printers
- Industry-leading three year warranty, including print head

Built for retail

Epson's 9-pin, 80 column FX-890 serial impact printer is compact, rugged and extremely reliable. It's ideal for high-speed printing of customer receipts, invoices and order confirmations. The wide carriage 9-pin, 132 column Epson FX-2190 is a back-office workhorse when it comes to retail printing applications such as inventory and sales reports. Both printers feature the fastest printing in their class, to keep customer lines moving fast.

High speed and reliability

Both printers feature an MTBF rating of over 20,000 power-on hours (POH), a 400-million-character print head and speeds of up to 680 cps. And their long-life ribbon cartridges boost productivity and ensure a low cost per page.

Advanced paper handling

The easy-to-use FX-890 and the FX-2190 come with four convenient paper paths to accommodate cut-sheet paper, continuous forms up to 7-parts thick, labels, envelopes, roll paper and more.

Seamless integration

Designed to integrate into any system quickly and easily, both the FX-890 and the FX-2190 come with Epson, IBM® and Microline printer langauges, featuring standard Parallel and USB connections and a Type-B slot for optional interface cards. And they include Epson's easy-to-use Remote Configuration Manager™ software which allows printers to be set up for optimum use.

Industry-leading warranty

Both the FX-890 and the FX-2190 come with a comprehensive three-year warranty including the print head and are backed by superior technical support from the world leader in impact printing.

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Epson FX-890 & FX-2190 Serial Impact Printers

Printer Specifications		FX-890	FX-2190
General	Print method	9-pin, serial impact dot matrix	
	Print direction	Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands	
	Print speed	Ultra Speed Draft 680 cps (12 cpi), 566 cps (10 cpi); High Speed Draft 559 cps (10 cpi); Draft 419 cps (10 cpi); Letter Quality 104 cps (10 cpi)	
	Column width		
	10 cpi	80	136
	12 cpi	96	163
	15 cpi	120	204
	17 cpi	137	233
	20 cpi	160	272
	Character set	13 character tables, 13 international character sets	
	Bar code	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET, Codabar (NW-7), Industrial 2 of 5, Matrix 2 of 5	
	Formatting	1/6" or programmable in 1/432" increments; line spacing: 6 lines per inch default (8 lpi option available on FX-890 Okidata Mode only)	
Printer	Paper feed mechanism	Friction feed (front, rear), Push tractor (front, rear), Pull tractor (front, bottom, rear), Push and pull tractor* (front, rear), Cut-sheet feeder (optional), Roll paper holder (optional)	
	Paper feed speed	62 millisecond per 1/6", 5" per second continuous feed	
	Paper path	Manual Insertion: front or rear in, top out; Cut-Sheet Feeder: top in, top out; Tractor: front or rear in, top out	
	Input buffer	128KB	
	Software drivers	Windows® 95, 98, 2000, Me, XP and NT 4.0	
	Interface	Bidirectional Parallel (IEEE 1284 Nibble Mode supported), USB 1.1, Type-B slot for optional interface cards	
	Printer language	Epson ESC/P®, IBM PPDS, Okidata Microlines (FX-890, Okidata Mode only)	
	Paper handling	Forms: continuous multipart, original plus 5 carbonless copies, 1 + 6 copies with pull tractor, maximum thickness .018"	
	Width		
	Single sheets	3.9" to 10.1"	3.9" to 16.5"
	Continuous	4.0" to 10.0"	4.0" to 16.0"
	Cut-sheet feeder	7.2" to 8.5"	7.2" to 16.5"
	Length		
	Single sheets	3.9" to 14.3"	3.9" to 14.3"
	Continuous	4.0" to 22.0"	4.0" to 22.0"
	Cut-sheet feeder	10.1" to 14.0"	10.1" to 14.0"
	No. 6 envelopes	6.5" x 3.6"	
	No. 10 envelopes	9.5" x 4.1"	
	Labels	2.5" x 0.94" (minimum)	
	Roll paper	8.5" width	
	Sound level	55 dBA (ISO 7779 pattern)	
	Power requirements		
	Rated voltage	120V AC	100 to 240V AC
	Input voltage range	103.5 to 132V	90 to 264V
	Rated frequency range	50 to 60 Hz	50 to 60 Hz
	Input frequency range	49.5 to 60.5 Hz	49.5 to 60.5 Hz
	Physical dimensions		
	Height	6.3"	6.1"
	Width	16.3"	23.2"
	Depth	13.8"	13.8"
	Weight	16.8 lb	21.2 lb
	Control panel functions	Font, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selection	
	Reliability		
	Total print volume	52 million lines (except print head)	
	MTBF	20,000 power-on hours (POH) (25% duty cycle)	
	Print head life	400 million char. at 14 dots/char.	
	Ribbon life	7.5 million char. at 14 dots/char.	12 million char. at 14 dots/char.

* Additional tractor unit required

SD-DSFX890C

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