

FX-890 Impact Dot Matrix Printer

Easy integration and maximum productivity in demanding print environments

Features

- Ultra fast 9-pin printing
- Extreme reliability in demanding print environments
- User-friendly setup and operation
- Easy system integration
- Easy-to-install 7.5 million character ribbon cartridge
- Advanced paper handling capabilities
- Unbeatable service and support
- Warranty - 3 years

A full-featured, high-value performer, the FX-890 offers the durability and ease of use required for critical daily print requirements. This 9-pin, narrow-carriage work-horse boasts an MTBF rating of 20,000 power-on hours (POH) and speeds of up to 680 cps.

Engineered for seamless integration into virtually any system, it provides standard Parallel, USB, and additional connectivity options. And, it includes Remote Configuration Manager software for easy printer setup and simple setting selections via most Windows operating systems.

An extremely reliable, high-speed performer, the FX-890 races through forms up to 7 parts thick through four convenient paper paths. Its easy-to-install 7.5 million character ribbon cartridge boosts productivity and ensures a low cost per page while its 400 million character print head life offers added dependability.



Physical Dimensions:

Height (inches)	6.6"
Width (inches)	16.3"
Depth (inches)	13.8"
Weight (lbs)	16.8 LB

Key Features:

Ultra fast 9-pin printing

- Speeds through multipart forms, reports, labels, and more at up to 680 cps

Extreme reliability in demanding print environments

- Offers an MTBF rating of 20,000 POH and a 400 million character print head life

User-friendly setup and operation

- Facilitates easy printer configuration using a newly designed control panel or its Windows-based Remote Configuration Manager

Easy system integration

- Provides IBM and Microline printer languages for increased compatibility
- Includes standard Parallel and USB connections, plus an additional slot for optional interface cards

Easy-to-install 7.5 million character ribbon cartridge

- Ensures a lower cost per page, and reduce the need for frequent user intervention

Advanced paper handling capabilities

- Provides four convenient paper paths to accommodate cut sheet paper and continuous forms up to 7 parts thick

S P E C I F I C A T I O N S

Printer 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	559 cps (10 cpi)
Draft	419 cps (10 cpi)
Letter-quality	104 cps (10 cpi)

(Note: Normal print speed is achieved when printer safety cover is fully closed)

Character Sets

13 character table
13 international character sets

Resident Bitmapped Fonts

Ultra Speed Draft	10, 12 cpi
High Speed Draft	10, 12, 15, 17, 20 cpi
Draft	10, 12, 15, 17, 20 cpi
NLQ (Roman/Sans Serif)	10, 12, 15, 17, 20, cpi proportional

Column Width

10 cpi	80
12 cpi	96
15 cpi	120
17 cpi	137
20 cpi	160

Bar Code Fonts

EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 129, POSTNET, Codabar (NW-7), industrial 2 of 5, Matrix 2 of 5

Formatting

1/6-inch or programmable in 1/432-inch increments Line Spacing: 6 lines per inch default

(8 lpi option available on FX-890 Okidata Mode only)

Paper Feed Mechanism

Feeding Method	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 rear or bottom in, top out
Pull push tractor	Front or rear in, top out

Input Buffer

128K

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 Mod 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"
Continuous	4.0" to 10.0"
Cut-sheet feeder	7.2" to 8.5"

Length

Single sheets	3.9" to 14.3"
Continuous	4.0" to 22.0"
Cut-sheet feeder	10.1" to 14.0"
No. 6 envelopes	6.5" x 3.5"
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
Input voltage range	103.5 to 132V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz

Physical Dimensions

Height	6.6"
Width	16.3"
Depth	13.8"
Weight	16.8 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 POH (25% duty cycle)
Print head life	400 million characters at 14 dots/character
Ribbon life	7.5 million characters at 14 dot/character

Package

Power cord
Ribbon
CD - Driver and Printer Management Software

Warranty

3-years



Don't forget to ask about Unimark's unbeatable service plans and consumables.

Specifications Subject to Change

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