High-Speed 9-Pin Serial Impact Dot Matrix Printers

Epson

FX-890 & FX-2190 Serial Impact Printers



- 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
- 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

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.

Built for retail

Epson's 9-pin, 80 column FX-890 serial impact printer is compact, rugged and extremely reliable. It's ideal for highspeed 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 longlife 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 cutsheet 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.

Get the benefits of Epson serial printers today

Replacing your old printers with the FX-890 and FX-2190 is easy. Visit www.epson.tradeups.com for information on our cash-back trade-in program.



High-Speed 9-Pin Serial Impact Dot Matrix Printers

Epson FX-890 & FX-2190 Serial Impact Printers

General Print method 9pin, serial impact dot matrix Print direction Bidirectional logic seeking for text and graphics printing, continues to express printing controls be selected using software commands Print speed Utro Speed Dreft 860 cps [12 cpl], 566 cps [10 cpl]; there could in the cps [10 cpl] Column width 10 opt 130 printing intervational text or graphics printing, cps [10 cpl]; there could in the cps [10 cpl] Column width 13 character tables, 13 intervational character sets Bar code EAN13, EAN8, Interleaved 2 of 5, UPCA, UPCE, Code 39, Code 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 5, UPCA, UPCE, Code 39, Code 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 5, UPCA, UPCE, Code 39, Code 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Posine 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Coddoor (WW7), Indentifical 2 of 5, Mark 2 of 128, POSINET, Posine 2 of 12	Printer Specifie	cations	FX-890	FX-2190
Print direction Bidirectional logic seaking for fext and graphics printing, conditioned to rear or graphics printing, conditioned to a selected print \$80 cps [12 cpl], 566 cps [10 cpl], high \$9eed Dord 559 cps [10 cpl]; Drd 1419 cps [10 cpl], tells Codity 104 cps [10 cpl] Column width B0 136 12 cpl 130 136 13 character tables, 13 international character sets Bar code EAN-13, EAN8, interleaved 2 of 5, UPCA, UPCE, Codbot Mode only Printer Paper feed mechanism Friction feed (front, rear), Publ tractor (front, bottom, rear), Publ tractor (front, bottom, rear), Publ tractor (front, setter (front, s	General	Print method	9-pin, serial impact dot matrix	
Print speed Ultra Speed Dorf 680 cps (12 cpt), 566 cps (12 cpt); 1gh Speed Dorf 559 cps (10 cpt); Dorf 12 cps (12 cpt); Letter Quality 104 cps (10 cpt) Column width 10 cpt 12 cpt 130 12 cpt 130 12 cpt 12 cpt 80 12 cpt 130 12 cpt 130 12 cpt 13 character tables, 13 international character sets 233 223 233 223 Character set 13 character tables, 13 international character sets Bar code EAN-13, EAN-8, Interleaved 2 cf 3, UPCA, UPCE, Code 39, Code 128, POSINET, Cadabar (NAV27), Industrial 2 cf 3, Matrix 2 cf 5 Formating 1/6" or programmebb in 1/422", Incenents, Ine specing, 6 lines per inch default 8 lpt option available on FX890 Outsites Mode non-on- ingpt baffer Printer Paper feed speed Annual Insertics: front or rear in, top out, Cutsheet Feeder, top in, top out, Tractor, front or rear in, top out, Tractor, maximum finicates or numerical spects Software drivers Windth 3.9" to 10.1" Software drivers Software drivers 3.9" to 10.5" Viridh 3.9" to 10.5" 3.9" to 16.5" Single sheets 3.9" to 10.1" 3.9" to 16.5" Single sheets 3.9" to 10.1" 3.9" to 16.5" Single sheets 3.9" to 10.1" 5.5" x 3.6" width North Source drivers Songle sheets 3.		Print direction	Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics	
Column width 130 12 cpi 13 cpi 14 cpi 15 cpi 15 cpi 16 120 17 cpi 160 136 17 cpi 17 cpi 18 character tables, 13 international character table Bar code EAN-13, EAN-8, Interaced 2 of 5, UPCA, UPCE, Code 39, Code 128, POSTNET, Cadabar (NV47), Industrial 2 of 3, Matrix 2 of 15 Formatling 1/6" or programmebia in 1/42", Tarenemuts, Ine specing, Cont, Status, Role and Poll fractors read, Poly Postner, Postn		Print speed	Ultra Speed Draft 680 cps (12 cpi), 566 cps (10 cpi); High Speed Draft 559 cps (10 cpi);	
12 cpi 17 cpi 18 cpi 17 cpi 18 cpi 17 cpi 18 cpi 18 cpi 17 cpi 18 cpi	Column width			sher Gudiny 104 cps (10 cpi)
15 cpi 20 cpi 120 160 203 202 202 15 cpi 20 cpi 13 character tables, 13 international character sets Bor code 13 character tables, 13 international character sets Bor code Part code EAN-13, EAN-8, Interleaved 2 of 5, UPCA, UPCA, UPCE, Code 39, Code 128, POSTNET, Codebor (NV-7), Industrial 2 of 5, Markin 2 of 5 Formatting 1/6" or programmable in 1/432" increments/ lock addobr (NV-7), Industrial 2 of 5, Markin 2 of 5 Paper feed mechanism Friction feed (front, read, Publication for 1/432" increments/ lock addobr (NV-7), Industrial 2 of 5, Markin 2 of 5 Paper feed addobr feed mechanism Friction feed (front, read, Publication for 1/6", 5" per second continuous feed Paper path Paper feed speed 62 milliscend per 1/6", 5" per second continuous feed Paper path Manual Insertion: front or rear in, top out; CutSheet Feeder topian and INT 4.0 Bidirectional Parallel [EEE 1284 Nibble Mode supported], UBS 1.1, Type8 sld for optional interface car Printer language Paper handling Forms: continuous multipart, original public corbonies (FA890 O, Okidata March addobr of 0) Paper handling Forms: continuous multipart, original public corbonies (FA890 O, Okidata March addobr 0) Paper handling Forms: continuous multipart, original public corbonies (FA800 O, Okidata March addobr 0) Paper handling Forms: continuous multipart, original public corbonies (FA800 O, Okidata March addobr 0) Paper handling 5.5" 7.2" to 16.5" Continuous 3.9" to 14.3" Co			80 96	
20 cpi 160 272 Character set 13 character tables, 13 international character sets Bar code EAN-13, EAN-8, Interleaved 2 of 5, UPC-4, Out-52, Ocde 38, POSTNET, Codebar (NVV), Industrial 2 of 5, Motrix 2 of 10, Motrix 1 a of 5, Motrix 2 of 10, Motrix 1 a of 14, 0, Motrix 1 a of 14, 0, Motrix 2 of 10, Motrix 1 a of 14, 0, Motrix 2 of 10,		15 cpi	120	204
Bar code EAN-13, EAN-8, Interleaved 2 of 5, UPC-8, Code 328, POSTNET, Formatting 1/6" or programmable in 1/432" increments; line spacing: 6 lines per inch default (8 lpi option available on FX490 Oktidata Mode only) Printer Paper feed mechanism Printer Paper feed mechanism Printer Paper feed speed 62 millisecond per 1/6", 5" per second confinuous feed Paper path Manual Inserior: front or rear in, top out; Tockor front or per in, top out; Tockin and pull tractor (front, pert), Pull tractor (front, pert), Pull tractor (front or per in, top out Input buffer Interface Bidirectional Parallel [EEE 1284 Nibble Mode supported]. USB 1.1, TypeB alo for optional interface con Printer (larguage Epson ESC/Pm, IBM PPDS, Okidata Microlines (FX890, Okidata Mode only) Width Single sheets 3.9" to 16.5" Continuous 3.9" to 16.5" (2011) Single sheets 3.9" to 10.1" Continuous Continuous 4.0" to 10.0" (2015) Continuous 4.0" to 10.0" (2015) Continuous 3.9" to 14.3" Continuous Continuous 3.9" to 14.3" (2011) Continuous				233 272
Formatting 1/6" or programmable in 1/432" increments; in				
B (b) caption available on FX890 Okidata Mode only) Printer Paper feed mechanism Friction feed (front, rear), Push tractor (front, rear), Cut-sheet feeder (optional), Roll paper holder (optional), Roll paper (optional	Bar code EAN-13, EAN-8, Interleaved 2 ot 5, UPC-A, UPC-E, Code Codabar (NW-7), Industrial 2 of 5, Matr		-A, UPC-E, Code 39, Code 128, POSTNEI, strial 2 of 5, Matrix 2 of 5	
Push and pull tractors " [front," rean, Cutsheet Feder (bptronal), 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, Tractor: front or rearin; top out, Tract, Tract, Tract, Tract		Formatting 1/6" or programmable in 1/432" increments; line spacing: 6 (8 lpi option available on FX-890 Okidata Moc		ments; line spacing: 6 lines per inch default FX-890 Okidata Mode only)
Paper path Input bufferManual Insertion: front or rear in, top out; Cut-Sheet Feeder: top in, top out; Tractor: front or rear in, top out 128KB Software driversNanual Insertion: front or rear in, top out; Cut-Sheet Feeder: top in, top out; Tractor: front or rear in, top out 128KBInterfaceBidirectional Parallel (EEE 1284 Nibble Modes supported), USB 1.1, Type B slot for optional interface car Epson ESC/PP, IBM PPDS, Okidata Made only) Paper handlingWidthBidirectional ESC/PP, IBM PPDS, Okidata Madeo only) Forms: continuous multipart, original plus 5 carbonless copies, 1 + 6 copies with pull tractor, maximum thickness. 018"WidthSingle sheets Continuous Continuous Continuous Continuous Continuous Continuous Continuous A 0" to 10.0"Single sheets Continuous Continuous Continuous Continuous Continuous Continuous A 0" to 12.0"Single sheets Single sheets Continuous Continuous Continuous Continuous Continuous Continuous Continuous A 0" to 12.0"No. 6 envelopes Labels9.5" x 3.6" 9.5" x 3.6" 9.5" x 3.6"No. 10 envelopes Labels9.5" x 3.6" 9.5" x 0.04" (Ininuum) Roll paperRated voltage Input voltage range Input voltage range120 V AC 9.0 to 264VPhysical dimensions Height6.3" 9.5 to 60.5 HzHeight Width6.3" 13.8"Control panel functions Width6.3" 13.8"Control panel functions MIBF52 million tens (except print head) micro-adjust, top-ofform adjustment, panel lockout, reset, menu, default setting selection micro-adjust, top-ofform adjustment, panel lockout, reset, menu, default setting selection	Printer		Push and pull tractor* (tront, rear), Cut-shee	t teeder (optional), Roll paper holder (optional)
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, TypeB slot for optional interface car Printer language Epson ESC/P*, IBM PPDS, 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 10.0* 4.0* to 10.0* Cutsheet feeder 7.2* to 18.5* 3.9* to 14.3* 3.9* to 14.3* Continuous 4.0* to 10.0* 6.5* x 3.6* 4.0* to 22.0* Cutsheet feeder 10.1* to 14.0* 6.5* x 4.1* 10.1* to 14.0* No. 10 envelopes 9.5* x 4.1* 10.1* to 14.0* 6.5* x 4.1* Roll paper 8.5* width 8* width 8* width Roll paper 55 dBA (ISO 7779 pattern) Pore 240V AC 100 to 240V AC Input voltage range 103.5 to 132V 90 to 264V 20 to 60 Hz Roted voltage 120V AC 100 to 240V AC 100 to 240V AC Input requency range 50 to 60 Hz				
Interface Printer language Printer language Printer language Printer language Printer language Proper handling Profile Just 2000 Printer language Proper handling Printer language Proper handling Printer language Properties (PX-B90, Okidata Microlines (PX-B90, Okidata Microlines, 1 + 6 copies with pull fractor, maximum thickness. 018'' Width Single sheets 3.9" to 10.1" 3.9" to 16.5" 4.0" to 10.0" 4.0" to 10.2.0" 4.0" to 10.0" 4.0" to 10.2.0" 4.0" to 10.0" to 3.0 T 4.0" to 10.0" to 3.0 T 4.0" to 10.0" to 3.0 T 4.0" to 10.0		Input buffer	128KB	
Printer language Paper handlingEpson ESC/P*, IBM PPDS, Okidata Microlines (FX-890, Okidata Mode only) Forms: continuous multipout, original plus 5 carbonless copies, 1 + 6 copies with pull tractor, maximum thickness 0.18"Width3.9" to 10.1" Continuous Cutsheet feeder3.9" to 10.1" Continuous Cutsheet feeder3.9" to 10.5" Continuous Cutsheet feederSingle sheets Continuous Cutsheet feeder3.9" to 14.3" Continuous Cutsheet feeder3.9" to 14.3" Continuous Cutsheet feederNo. 6 envelopes Labels0.1" to 14.0" S.5" x 3.6" 9.5" x 4.1" Labels0.5" x 3.6" 9.5" x 4.1" LabelsNo. 10 envelopes Labels2.5" x 0.94" (mininum) 8.5" widthSound level55 dBA (ISO 7779 pattern)Power requirements Rated voltage range Input voltage range Log dimensions100 to 240V AC 9.0 to 264V 49.5 to 60.5 HzHeight Height6.3" Control panel functionsHeight Height6.3" Control panel functionsFouth requency range Weight52 million lines (except print head) Log dimensionsHeight Height6.3" Control panel functionsFouth path MTBF You oblice52 million lines (except print head) AU on million char, at 14 dots/char.				
Paper handling Forms: continuous with pull tractor, maximum thickness. 018" Width 3.9" to 10.1" 3.9" to 16.5" Continuous 4.0" to 10.0" 4.0" to 10.0" Cutsheet feeder 7.2" to 8.5" 7.2" to 16.5" Length 3.9" to 14.3" 3.9" to 14.3" Single sheets 3.9" to 14.3" 3.9" to 14.3" Continuous 4.0" to 22.0" 4.0" to 22.0" Cutsheet feeder 0.1" to 14.0" 10.1" to 14.0" No. 6 envelopes 9.5" x 3.6" 10.1" to 14.0" No. 10 envelopes 9.5" x 4.1" 10.1" to 14.0" Roll paper 8.5" width 10.1" to 14.0" Sound level 55 dBA (ISO 7779 pattern) 20V AC Input voltage range 103.5 to 132V 90 to 264V Rated frequency range 50 to 60 Hz 49.5 to 60.5 Hz Input frequency range 50 to 60 Hz 49.5 to 60.5 Hz Physical dimensions 6.3" 6.1" Height 6.3" 6.1" 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-off-				
Width 3.9° to 10.1° 3.9° to 16.5° Single sheets 3.9° to 10.0° 4.0° to 10.0° Cut-sheet feeder 7.2° to 8.5° 7.2° to 16.5° LengthSingle sheets 3.9° to 14.3° 4.0° to 22.0° Cut-sheet feeder 1.0° to 12.0° 4.0° to 22.0° Cut-sheet feeder 0.1° to 14.0° 4.0° to 22.0° No. 5 envelopes 9.5° x 4.1° 4.0° to 22.0° No. 6 envelopes 2.5° x 3.6° 9.5° x 4.1° Labels 2.5° x 3.0° 10.1° to 14.0° Sound level $55 dBA (ISO 7779 pattern)$ Power requirements 8.5° widthRated voltage range 1020 VAC $100 \text{ to } 2400 \text{ AC}$ Input voltage range $50 \text{ to } 60 Hz$ $49.5 \text{ to } 60.5 Hz$ Physical dimensions $49.5 \text{ to } 60.5 Hz$ $49.5 \text{ to } 60.5 Hz$ Height 6.3° 23.2° Weight $16.8 Hs$ $21.2 Hs$ Control panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form set, menu, default setting selectionReliability $20.000 \text{ POH} (25\% duty cycle)$ Print head life $20.000 \text{ POH} (25\% duty cycle)$			Forms: continuous multipart, original	plus 5 carbonless copies, 1 + 6 copies
$\begin{array}{ccc} Continuous & 4.0" to 10.0" & 4.0" to 10.0" \\ Cutsheet feeder & 7.2" to 8.5" & 7.2" to 16.5" \\ Length & & & & & & & & & & & & & & & & & & &$		Width		
Cut-sheet feeder length7.2" to $8.5"$ 7.2" to $16.5"$ Single sheets Continuous Cut-sheet feeder3.9" to $14.3"$ 4.0" to $22.0"$ 4.0" to $22.0"$ 10.1" to $14.0"$ No. 6 envelopes Labels Roll paper $6.5" \times 3.6"$ 9.5" $\times 4.1"$ Labels Rated voltage $0.1"$ to $14.0"$ Power requirements Rated voltage $2.5" \times 0.94"$ [minimum] 8.5" widthPower requirements Rated voltage $120V AC$ 100 to $240V AC$ 100 to $240V AC$ Input voltage range 103.5 to $132V$ 90 to $264V$ 90 to $264V$ Physical dimensions Height $6.3"$ 13.8" $6.1"$ 23.2"Width $16.3"$ 13.8" $23.2"$ 13.8"Depth $13.8"$ 13.8" $13.8"$ 13.8"Veight 16.8 lb 21.2 lbControl panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliability Total print volume MTBF Print head life 52 million lines (except print head) 20,000 PCH (25% duty cycle) Print head life			3.9" to 10.1"	3.9" to 16.5"
Single sheets3.9" to 14.3"3.9" to 14.3"Continuous4.0" to 22.0"4.0" to 22.0"Cutsheet feeder10.1" to 14.0"6.5" x 3.6"No. 6 envelopes9.5" x 4.1"Labels2.5" x 0.94" (minimum)Roll paper8.5" widthSound level55 dBA (ISO 7779 pattern)Power requirements79.5 to 60.5 HzRated voltage100 to 240V ACInput voltage range103.5 to 132VPhysical dimensions9.5 to 60.5 HzHeight6.3"Width16.3"Utidth13.8"Weight16.8 lbControl panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliabilityTotal print volumeATBF20,000 PCH (25% duty cycle)Print head life400 million char. at 14 dots/char.		Cut-sheet feeder		
Cutsheef feeder10.1" to 14.0"10.1" to 14.0"No. 6 envelopes9.5" x 3.6"Labels2.5" x 0.94" (minimum)Roll paper8.5" widthSound level55 dBA (ISO 7779 pattern)Power requirements100 to 240V ACRated voltage100 to 240V ACInput voltage range103.5 to 132VPhysical dimensions90 to 264VHeight6.3"Weight10.8"Control panel functions6.3"ReliabilityFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliability52 million lines (except print head)MTBF20,000 PCH (25% duty cycle)Print head life400 million char. at 14 dots/char.		Single sheets		
No. 10 envelopes Labels 9.5" x 4.1" 2.5" x 0.94" (minimum) 8.5" width Sound level 55 dBA (ISO 7779 pattern) Power requirements 100 to 240V AC Input voltage range 103.5 to 132V 90 to 264V Rated voltage 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 6.1" 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 MTBF 20,000 PCH [25% duty cycle] Print head life 400 million char. at 14 dots/char.			10.1" to 14.0"	10.1″ to 14.0″
Labels2.5" x 0.94" (minimum) 8.5" widthSound level55 dBA (ISO 7779 pattern)Power requirements55 dBA (ISO 7779 pattern)Rated voltage120V ACInput voltage range103.5 to 132V90 to 264VRated frequency range50 to 60 HzInput frequency range50 to 60.5 Hz49.5 to 60.5 Hz49.5 to 60.5 HzPhysical dimensions6.1"Height6.3"Midth16.3"Depth13.8"Veight16.8 lbControl panel functionsReliabilityTotal print volume52 million lines (except print head) MTBFMTBF20,000 POH (25% duty cycle) 400 million char. at 14 dots/char.				
Sound level 55 dBA (ISO 7779 pattern) Power requirements 100 to 240V AC Rated voltage 103.5 to 132V 90 to 264V Input voltage range 50 to 60 Hz 50 to 60 Hz Input frequency range 50 to 60.5 Hz 49.5 to 60.5 Hz Physical dimensions 49.5 to 60.5 Hz 49.5 to 60.7 Hz 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 52 million lines (except print head) MTBF 20,000 POH (25% duty cycle) Print head life 400 million char. at 14 dots/char.		Labels	2.5" x 0.94" (minimum)	
Power requirements120V AC100 to 240V ACRated voltage103.5 to 132V90 to 264VInput voltage range103.5 to 132V90 to 264VRated frequency range50 to 60 Hz50 to 60 HzInput frequency range49.5 to 60.5 Hz49.5 to 60.5 HzPhysical dimensions6.1"Height6.3"Width16.3"Depth13.8"Weight16.8 lbControl panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliability52 million lines (except print head) AMTBF Print head lifeAMBF20,000 POH (25% duty cycle) 400 million char. at 14 dots/char.				
Input voltage range103.5 to 132V90 to 264VRated frequency range50 to 60 Hz50 to 60 HzInput frequency range49.5 to 60.5 Hz49.5 to 60.5 HzPhysical dimensions6.3"6.1"Height6.3"23.2"Depth13.8"13.8"Weight16.8 lb21.2 lbControl panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliability52 million lines (except print head)MTBF20,000 POH (25% duty cycle)Print head life400 million char. at 14 dots/char.		•		
Rated frequency range Input frequency range50 to 60 Hz50 to 60 HzInput frequency range49.5 to 60.5 Hz49.5 to 60.5 HzPhysical dimensions6.1"Height6.3"Width16.3"Depth13.8"Weight16.8 lbControl panel functionsFont, pitch, pause, tear-off, bin selection, line feed, form feed, load, eject, micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selectionReliability52 million lines (except print head) 20,000 POH (25% duty cycle) Print head lifePrint head life400 million char. at 14 dots/char.				
Physical dimensions 6.3" 6.1" 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 POH (25% duty cycle) Print head life 400 million char. at 14 dots/char.				
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 POH (25% duty cycle) Print head life 400 million char. at 14 dots/char.			49.5 to 60.5 Hz	49.5 to 60.5 Hz
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 POH (25% duty cycle) Print head life 400 million char. at 14 dots/char.			6.3"	61″
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 POH (25% duty cycle) Print head life 400 million char. at 14 dots/char.				23.2″
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 char. at 14 dots/char.				
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 char. at 14 dots/char.		-		
Total print volume52 million lines (except print head)MTBF20,000 POH (25% duty cycle)Print head life400 million char. at 14 dots/char.		·	micro-adjust, top-of-form adjustment, panel lockout, reset, menu, default setting selection	
MTBF20,000 POH (25% duty cycle)Print head life400 million char. at 14 dots/char.		· · · · ·	52 million lines (except print head)	
		MTBF	20,000 POH (25% duty cycle)	
* Additional tractor unit required				

Epson America, Inc. • 3840 Kilroy Airport Way • Long Beach, CA 90806 • (562) 290-5304 • http://pos.epson.com © 2004 Epson America, Inc. Epson is a registered trademark of Seiko Epson Corporation and Remote Configuration Manager is a trademark of Epson America. All other trademarks are the property of their respective owners. Specifications are subject to change without notice. SD-DSFX890A

