

EPSON[®]
EXCEED YOUR VISION

Epson *Dot Matrix Range*

Epson ***Dot Matrix Range***

Reliable and affordable printers
for multiple copies and forms



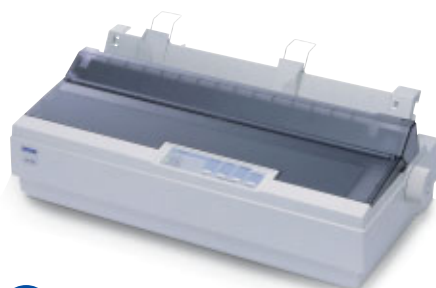
Epson is the world's largest manufacturer of dot matrix printers with a product range that offers the ultimate in high speed, low cost, reliable and durable printing across all stationery types. Ideal for drafting, high volume data processing, and multi-part stationery – for which there is simply no alternative – no other technology offers such broad capability from a single machine.



NEW

Epson LX 300+ II

- USB interface
- larger input buffer
- added flash ROM for firmware updates



NEW

Epson LX 1170 II

- USB interface
- added flash ROM for firmware updates



NEW

Epson LQ 300+ II

- USB interface
- larger input buffer
- added flash ROM for firmware updates

Offering a wider choice than any other manufacturer – and spanning every duty cycle, from light to heavy duty – the Epson dot matrix range enables you to strike exactly the right balance between capability, performance and cost. And built to the standards which have made the Epson brand synonymous with reliability, Epson dot matrix printers are not only competitively priced, but extremely economical to run.

Epson 9-pin dot matrix printers

Featuring durable, heavy and medium duty printers for continuous data processing and high speed drafting tasks – while offering competitively priced low cost printers – the Epson 9-pin dot matrix range offers exceptional value.

Outstanding performance combined with high precision alignment and sophisticated paper handling enables this truly comprehensive range of narrow and wide carriage printers to tackle the widest range of high speed printing tasks with supreme accuracy, making them ideal for commercial, industrial and logistic applications – including data processing, invoicing, stock requisitions, cheque runs, label printing etc.

Epson 24-pin dot matrix printers

Offering all the features available across the Epson 9-pin range, but with the addition of scalable fonts and letter quality, for superior print quality, Epson 24-pin printers are ideal for front desk applications in the retail and service industries, and for tasks such as invoice and order printing.

The range is further enhanced with flat-bed printers that enable 24-pin printing to be achieved on less flexible materials and a wide variety of non-standard stationery such as receipts and label printing.

Product Index

Duty		9-Pin	24-Pin	POS	Instore	Accounting	Listing	Passbook
Light	LX-300+II	■		●●●			●	
Medium	LX-1170II	■		●●	●●		●	
High	FX-890	■		●	●●●	●●●	●●	
High	FX-2190	■			●●●	●●●	●●	
Heavy	DFX-9000	■			●●●	●●●	●●●	
Light	LQ-300+II		■	●●●				
Medium	LQ-590		■	●●	●●●	●●●	●●	
Light	LQ-630		■	●●	●			●
Medium	LQ-680/680 Pro		■	●●	●●●			
Medium	LQ-2090		■		●●●	●●●	●●	
High	LQ-2180		■		●●●	●●●	●●●	
Heavy	DLQ-3500		■		●●●	●●	●●●	
Heavy	PLQ-20/20M		■	●	●			●●●
Heavy	PLQ-20D/20DM		■	●	●			●●●

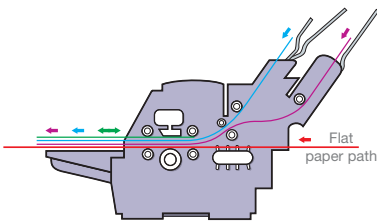


Epson DFX-9000

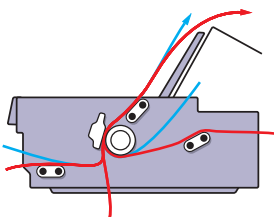
The flagship model Epson DFX-9000 is the fastest 9-pin heavy duty dot matrix printer in its class. Built to bring your business speed and reliability, it gives you the power to handle the most demanding workloads quickly and at exceptional value.

In their paper handling versatility, Epson dot matrix printers really excel. Advanced models offer paper feeding from up to six paper sources*, and enable up to four types of stationery to be held 'on call.' What's more, when space is at a premium, multi-path paper feed gives you flexibility to position your printer without compromising its functionality.

Typical Paper Paths



- Cut sheet manual feed front in – front out
- Optional 150 sheet cut sheet feeder
- Optional 50 sheet cut sheet feeder
- Tractor fed continuous



- Three continuous paper paths – front, rear, and bottom
- Two cut sheet paper paths – front and top

Optional equipment

A comprehensive range of Epson paper handling options includes:



Cut sheet feeders



Tractor unit

Cut sheet feeders

Offering 50, 150 and 250 sheet, for automatic selection of forms and plain stationery.

Motorised sheet feeders

For high volume cut sheet printing, optional motorised cut sheet feeders are available for selected products, like the 150 sheet cut sheet feeder for the Epson LQ-2180. Equipped with productivity enhancing, independent motor drives, these feeders reduce paper handling time and ensure optimum paper throughput.

Paper feed tractors

A choice of push, pull, and push/pull combined tractors not only enable more than one stationery type to be permanently loaded for delivery on demand, but handle continuous and multi-part stationery more efficiently.

Roll paper holder

This provides an inexpensive alternative to using continuous roll paper for applications requiring variable paper lengths.

*Using Epson paper handling options

Compatibility – ESC/P2

ESC/P (Epson Software Command/Printers) is the defacto standard dot matrix printer control language, world-wide. Adopted in the vast majority of popular software packages, ESC/P enables you to plug straight in – and print. The versatility and quality of Epson impact printing is further extended by ESC/P2 which enables Epson 24-pin printers to achieve scalable fonts and high resolution graphics.

Fully compatible with existing software, ESC/P2 is designed for use with non Windows® operating systems, enabling you to achieve font manipulation without the need for costly on-board processors. If you are working within the Windows® environment you will be able to achieve your printer's maximum speed by using printer resident fonts.

Connectivity

Epson connectivity goes far beyond USB, parallel and serial interfaces. Where Epson impact printers are required to serve either as a shared resource or as a personal printer within IBM or mainframe environments, we offer Ethernet and Wireless 802.11b. Epson discontinued our Twinax, Coax and LocalTalk last year due to non ROSHH compliance.

For full details of interfacing options please refer to the options and specifications tables at the back of this brochure.

Epson supplies

Your Epson dot matrix printer demands Epson ribbons for high performance. Designed to withstand the stresses of everyday use, Epson ribbons come in three types – fabric, film and colour.

Epson fabric ribbons are highly durable and hold an exact charge of ink to ensure clear characters with no splattering. To minimise printhead wear, Epson ink includes lubricating oils.

Epson film ribbons are plastic, coated on one side with ink to give clear, crisp characters of letter quality output.

Colour printing

Colour printing highlights important information and gives clarity to forms. Epson colour ribbons are ultra tough and produce colourful results without bleed or smudging. An easily installed colour upgrade is available for selected printers. For full details of printing options please refer to the options and specifications tables at the back of this brochure.

Epson LX-300+ II

Because of its compact dimensions, the Epson LX-300+II is the ideal 9-pin printer for front and back office applications where space is limited. But also as a printer for measurement and control systems the Epson LX-300+II is a low cost solution. Auto switching USB, serial and parallel interfaces are included allowing flexible standalone connectivity.

Key features

- Compact 9-pin narrow carriage printer
- Up to 337 characters per second (12 cpi)
- Prints up to 5-part forms (1 original + 4 copies)
- Versatile top, bottom and rear paper paths
- 8 built-in Bar code fonts
- Auto switching USB, parallel and serial interfaces

Options

- 50 sheet cut sheet feeder
- Roll paper holder
- Colour upgrade kit
- Push/Pull tractor unit
- Wired and Wireless network interfaces



Continuous Standard Optional Cut sheet Standard Optional

9-Pin Dot Matrix Printer

Epson LX-1170 II

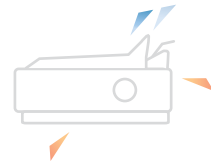
The Epson LX-1170 II is the ideal 9-pin printer for light duties. The copy capability of one original plus four copies makes the Epson LX-1170 II suitable for a variety of environments including data reporting (e.g. telephone statistics and call log in, helpdesk and computer systems reporting), listings, shipping documents and measurement and control systems.

Key features

- Wide carriage 9-pin printer
- Up to 337 characters per second (12 cpi)
- Prints up to 5-part forms (1 original + 4 copies)
- Versatile top, bottom and rear paper paths
- 8 built-in Bar code fonts
- USB, parallel and serial interfaces as standard
- USB interface

Options

- 50 sheet cut sheet feeder
- Roll paper holder
- Push/Pull tractor unit
- Wired and Wireless network interfaces



9-Pin Dot Matrix Printer

Epson FX-890

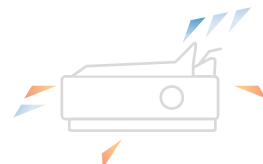
This narrow carriage printer combines high speed with the highest reliability. A mean volume between failure of 52 mill. lines makes it ideal for medium and large print volumes. Paper can be fed from front, top, rear or bottom and an optional push/pull tractor can store a second continuous form – perfect for warehouses, wholesalers, freight forwarders and finance departments.

Key features

- Fastest printer in its class up to 680 cps (12 cpi)
- High copy capability of 6-part forms
- Extremely robust printer with a MTBF of 20,000 POH
- Reliable print head life of 400 mill. characters
- Long lasting ribbon of 7.5 mill. characters
- Versatile front, top, bottom and rear paper paths

Options

- Wired and Wireless network interfaces, Serial interfaces
- 150 or 50 sheet cut sheet feeders
- Front sheet
- Front paper guide
- Push/pull tractor unit
- Roll paper holder



9-Pin Dot Matrix Printer

Continuous Standard Optional Cut sheet Standard Optional

Epson FX-2190

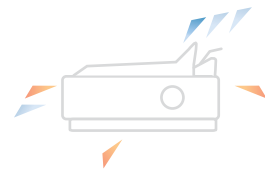
This wide carriage printer combines high speed printing with outstanding reliability. A mean volume between failure of 52 mill. lines makes the printer suitable for medium and large print volumes. The paper can flexibly be fed from the front, top, rear or bottom and an optional push tractor can store a second continuous form, which is ideal for commercial and industrial environments.

Key features

- Fastest printer in its class up to 680 cps (12 cpi)
- High copy capability of 6-part forms
- Extremely robust printer with a MTBF of 20,000 POH
- Reliable print head life of 400 mill. characters
- Long lasting ribbon of 12 mill. characters
- Versatile front, top, bottom and rear paper paths

Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front sheet guide
- Front paper guide
- Push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, Serial interfaces



9-Pin Dot Matrix Printer

Epson DFX-9000

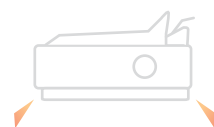
The Epson DFX-9000 is a High print volume printer providing an unprecedented level of reliability for the most demanding business. Its advanced paper handling accommodates a variety of paper types while the standard front and rear push tractors can be switched easily between different types of continuous paper. An optional perforation cutter provides paper finishing capabilities.

Key features

- Extremely fast and reliable 4x9 pin wide carriage printer
- Extremely robust printer with a MVBF of 133 mill. characters
- Fast speed up to 1,550 cps
- Prints up to 10-part forms (1 original + 9 copies)
- Automatic platen gap adjustment
- Interface slot for optional network interfaces

Options

- Pull tractor unit
- Perforation cutter
- Wired and Wireless network interfaces
- Printer stand



9-Pin Dot Matrix Printer

Epson LQ-300+ II

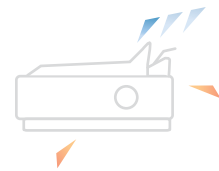
The compact Epson LQ-300+ II is the ideal printer for front and back office applications where space is rather limited as well as for measurement and control systems. The copy capability of one original plus three copies makes the 24-pin printer suitable for POS applications where reliable light duty printing is required.

Key features

- Compact 24-pin narrow carriage printer
- Up to 300 characters per second (10 cpi)
- Prints up to 4-part forms (1 original + 3 copies)
- Versatile top, bottom and rear paper paths
- 8 built-in Bar code fonts
- Auto switching USB, parallel and serial interfaces

Options

- 50 sheet cut sheet feeder
- Roll paper holder
- Colour upgrade kit
- Push/Pull tractor unit
- Wired and Wireless network interfaces



24-Pin Dot Matrix Printer

Epson LQ-590

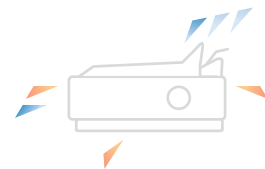
With a mean volume between failure of 40 mill. lines and a high speed of 529 cps this extremely robust printer is ideal for medium and large print volumes. Flexible paper management allows insertion from front, top, rear, and bottom, while a front sheet guide enables front feeding of even small paper types. Typical applications are label, barcode and POS invoice printing.

Key features

- Very high print speed of up to 529 cps (12 cpi)
- High copy capability of 5-part forms
- Extremely robust printer with a MTBF of 20,000 POH
- Reliable print head life of 400 mill. strokes/wire
- Long lasting ribbon of 5 mill. characters
- Versatile front, top, bottom and rear paper paths
- Sound reduction down to 49 dB(A) in low-noise mode

Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front sheet guide
- Push/pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, Serial interfaces



24-Pin Dot Matrix Printer

Continuous Standard Optional Cut sheet Standard Optional

Epson LQ-630

With a 38.6 cm x 30.6 cm (w x d) footprint, a column width of 80 characters, and print speed of up to 360 cps, this printer is ideal for restricted space environments such as retail stores, doctors' surgeries, ticket offices and industrial, trade and service companies.

Key features

- Compact and robust design
- Prints up to 5-part forms (1 original + 4 copies)
- Print speed up to 360 cps (12 cpi)
- Also prints on small cut sheet paper (9 cm x 7 cm)
- Flatbed technology for ergonomic front paper feed
- Parallel and USB interfaces

Options

- Wired and wireless network interfaces



24-Pin Dot Matrix Printer

Epson LQ-680 / LQ-680 Pro

These highly durable printers have a straight, flat paper path for ultra reliable flatbed printing. The Epson LQ-680Pro also includes automatic platen gap adjustment for optimised print quality and optimised paper feeding – ideal for frequent changing between different paper types. It handles paper with varying thickness (e.g. overlapping forms and labels), and has simple push button paper source selection (e.g. between cut sheet and continuous paper).

Key features

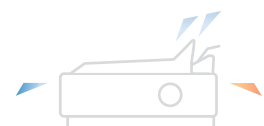
- Reliable and durable 24-pin flat bed printer
- 106 columns printing width
- Prints up to 6-part forms (1 original + 5 copies)
- Prints up to 413 characters per second (10 cpi)
- Parallel interface
- Automatic paper thickness adjustment¹
- Push button paper source section¹

Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder*
- Roll paper holder
- Network, Serial interfaces

*150 Sheet cut sheet feeder must be fitted first

¹Epson LQ-680Pro



24-Pin Dot Matrix Printer

Epson LQ-2090

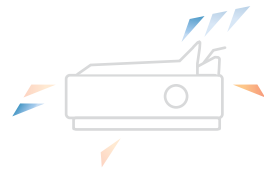
An extremely robust printer with a mean volume between failure of 40 mill. lines. With its high speed of 529 cps it is the ideal solution for medium and large print volumes. The Epson LQ-2090 impresses with flexible paper management which allows paper insertion from the front, top, rear, and bottom. A front paper guide makes it easy to insert even small sheets from the front.

Key features

- Very high print speed of up to 529 cps (12 cpi)
- High copy capability of 5-part forms
- Extremely robust printer with a MTBF of 20,000 POH
- Reliable print head life of 400 mill. strokes/wire
- Long lasting ribbon of 8 mill. characters
- Versatile front, top, bottom and rear paper paths
- Sound reduction down to 50 dB(A) in low-noise mode

Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Front sheet guide
- Push/Pull tractor unit
- Roll paper holder
- Wired and wireless network interfaces, Serial interfaces



24-Pin Dot Matrix Printer

Epson LQ-2180

This fast, flexible and very reliable printing solution is ideal for high volume applications. A high speed draft mode of up to 480 cps ensures maximum productivity, while versatility is assured by two standard tractors for flexible changing between media, the ability to handle up to 6-part forms and the choice of top, bottom and rear paper paths.

Key features

- Robust and durable 24-pin wide carriage printer
- Very high print speed up to 480 cps (10 cpi)
- Prints up to 6-part forms (1 original + 5 copies)
- Two tractor units as standard
- Versatile front, top, bottom and rear paper paths
- Parallel interface

Options

- 150 sheet cut sheet feeder
- 50 sheet cut sheet feeder
- Network, Serial interfaces
- Push/Pull tractor unit
- Roll paper holder



24-Pin Dot Matrix Printer

Continuous Standard Optional Cut sheet Standard Optional

Epson **DLQ-3500**

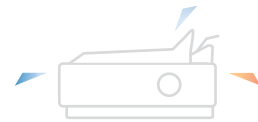
This printer offers ultra reliable high speed printing. An ability to print on 8-part forms is especially useful for multiple copy forms, while up to three media paths provide versatile paper handling – front sheet feed with auto loading, rear tractor feed with paper park, and an optional automatic cut sheet feeder. Supplied with both black and colour fabric ribbons.

Key features

- Wide carriage 24-pin flat-bed printer
- Very fast print speed of up to 550 cps (10 cpi)
- Prints up to 8-part forms (1 original + 7 copies)
- Push button paper source selection
- Automatic paper thickness adjustment
- Parallel and USB interfaces
- Colour printing

Options

- 250 sheet cut sheet feeder
- Automatic sheet alignment unit
- Wireless and wired network interfaces, Serial interfaces



24-Pin Dot Matrix Printer

Epson **PLQ-20/20M** *PLQ-20D/20DM*

The Epson PLQ-20, Epson's Passbook printer is ideal for all front desks applications such as banking, public administrations, and all booklet or thick media high speed good quality printing requirement. With its tiny footprint, automatic sheet alignment and print head adjustment it's the perfect solution for your flatbed printing needs.

Key features

- Neat, compact and robust design
- Automatic sheet alignment and thickness adjustment
- High print speed of up to 480 cps
- Quiet 24-pin document or passbook printer
- Print up to 7 part-forms (1 original + 6 copies)
- Flatbed technology for ergonomic front paper feed
- PLQ-20M: Magnetic Stripe Reader/Writer (MSRW) included

- PLQ-20D/DM: Dual Serial and USB interface
- Olivetti PR2, Epson ESC/P2, Wincor 4915, IBM PPDS and IBM 4722 FP emulations
- Software tool for Remote firmware upgrade, configuration and information retrieval

Options

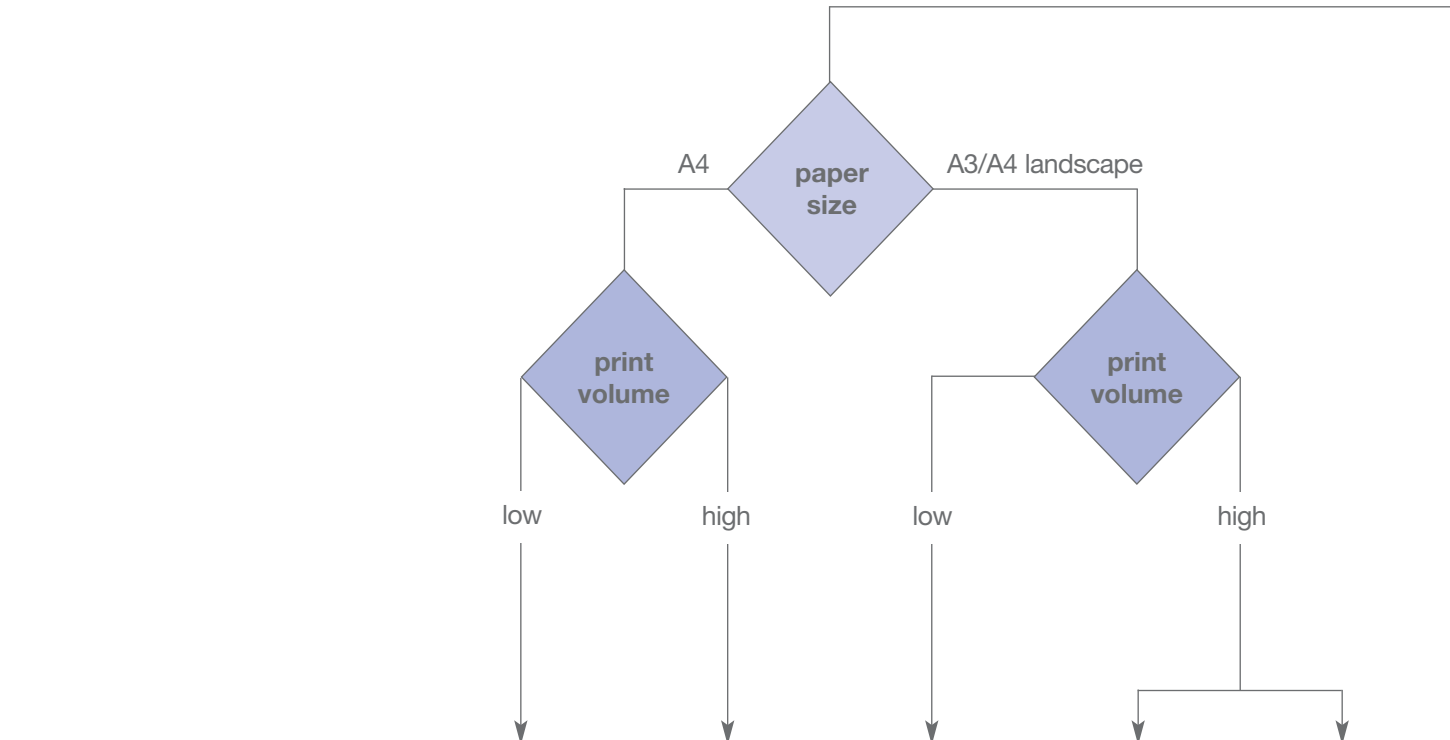
- Space saving Kit (includes a top paper tray and a rear paper guide)
- Wired and wireless network interfaces



24-Pin Dot Matrix Printer

Epson Dot Matrix Printer Selector

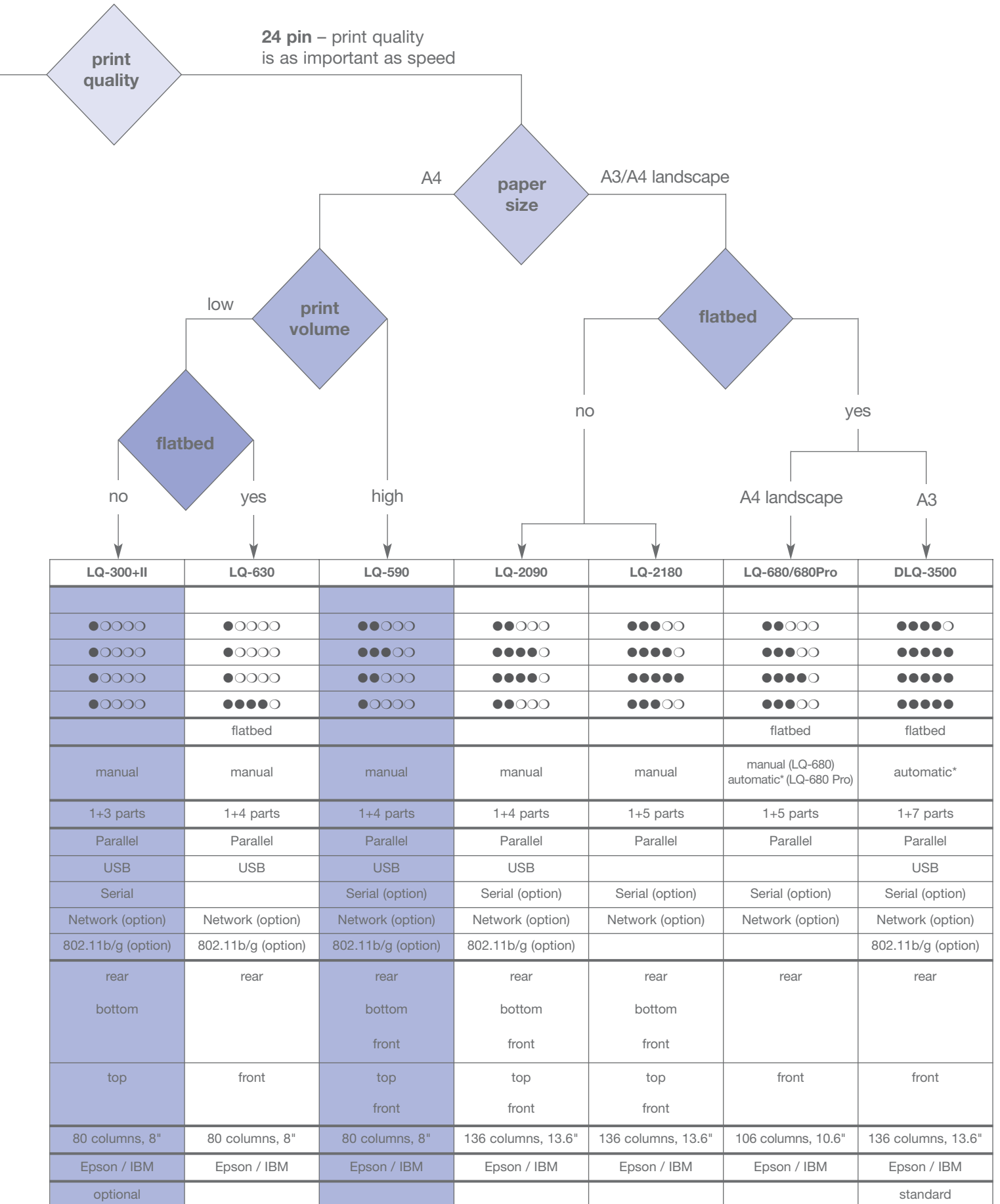
9 pin – speed is more important than print quality



		LX-300+II	FX-890	LX-1170II	FX-2190	DFX-9000
Quick comparison						
Speed		●○○○○	●●●●○	●○○○○	●●●●○	●●●●●
Print volumes / durability		●○○○○	●●●●○	●○○○○	●●●●○	●●●●●
Footprint		●○○○○	●●○○○	●●○○○	●●●●○	●●●●●
Quieter printing		●○○○○	●●●○○	●○○○○	●●●○○	●●●●○
Flatbed printer						
Platen gap adjustment		manual	manual	manual	manual	automatic*
Multi copy capability		1+4 parts	1+5 parts	1+4 parts	1+5 parts	1+9 parts
Interfaces		Parallel	Parallel	Parallel	Parallel	Parallel
		USB	USB	USB	USB	USB
		Serial	Serial (option)	Serial	Serial (option)	Serial
		Network (option)	Network (option)	Network (option)	Network (option)	Network (option)
		802.11b/g (option)	802.11b/g (option)	802.11b/g (option)	802.11b/g (option)	802.11b/g (option)
Paper feeds	Continuous	rear bottom	rear bottom front	rear bottom	rear bottom front	rear bottom (front)
	Cut sheet	top	top front (optional)	top	top front (optional)	
Print width		80 columns, 8"	80 columns, 8"	136 columns, 13.6"	136 columns, 13.6"	136 columns, 13.6"
Printer language		Epson / IBM	Epson / IBM / Oki	Epson / IBM	Epson / IBM / Oki	Epson / IBM
Colour printing		optional				

●○○○○ = low ●●●●● = high

* DFX-9000, LQ-680 Pro and DLQ-3500 have automatic platen gap adjustment to ensure optimum settings when changing between different media types with the minimum of user intervention. Automatic platen gap adjustment also allows printing on forms with varying thickness, such as multipart courier forms that also include a label.



Epson Dot Matrix Printer Comparison

Performance

	Model	Order code	Character per line	Applications	Print speed in CPS (characters per second)	CPS @ 10 characters per inch	CPS @ 12 characters per inch	Print volume	Multipart copy capability	Dimensions (WxDxH) mm
9 pin	 LX-300+II	C11C640051	80	Office application Front desk	High speed draft: Draft: Quality:	300 225 56	337 270 67	Low	1+4	366 x 275 x 159
	 FX-890	C11C524021DA	80	Listing Accounting Invoicing	Ultra high speed draft: Draft: Quality:	566 419 104.6	680 503 125.9	Medium	1+5	414 x 350 x 167.5
	 LX-1170II	C11C641002	136	Listing Accounting Invoicing	High speed draft: Draft: Quality:	300 225 56	337 270 67	Low	1+4	546 x 275 x 163
	 FX-2190	C11C526021DA	136	Listing Accounting Invoicing	Ultra high speed draft: Draft: Quality:	566 419 104.6	680 503 125.9	Medium	1+5	589 x 350 x 167.5
	 DFX-9000	C11C605011DA	136	High speed High volume printing	High speed draft: Draft: Quality:	1550 1320 330	1450 1320 330	High	1+9	700 x 378 x 363
24 pin	 LQ-300+II	C11C638002	80	Office application Front desk	High speed draft: Draft: Quality:	300 225 75	n/a 270 90	Low	1+3	366 x 275 x 159
	 LQ-590	C11C558021DA	80	Office application Listing	High speed draft: Draft: Quality:	440 330 110	529 396 132	Medium	1+4	473.5 x 374.5 x 171.5
	 LQ-630	C11C480014DA	80	Office application Flat bed printing	High speed draft: Draft: Quality:	300 225 79	360 270 94	Low	1+4	386 x 306 x 185
	 LQ-680	C11C376024DA	106	Flat bed printing	High speed draft: Draft: Quality:	413 310 103	n/a 372 124	Medium	1+5	497 x 387 x 230
	 LQ-680 Pro	C11C376124DA	106	Flat bed printing, paper with varying thickness (auto platten gap adjustment)	High speed draft: Draft: Quality:	413 310 103	n/a 372 124	Medium	1+5	497 x 387 x 230
	 LQ-2090	C11C559011DA	136	Listing Accounting Invoicing	High speed draft: Draft: Quality:	440 330 110	529 396 132	Medium	1+4	612.5 x 374.5 x 171.5
	 LQ-2180	C11C272161DA	136	High speed listing	High speed draft: Draft: Quality:	480 360 120	n/a 431 143	Medium	1+5	639 x 402 x 268
	 DLQ-3500	C11C396083DA	136	High speed listing, Flatbed printing, paper with varying thickness (auto platten gap adjustment)	High speed draft: Draft: Quality:	550 495 165	n/a 594 198	High	1+7	660 x 432 x 276

● = standard ○ = optional

*1 = 50 sheet or 100 sheet or both can be fitted at the same time
*2 = 150 sheet must be fitted before 50 sheet can be fitted

Interfaces

Paper handling

Warranty

	Model	Order code	Interfaces	Emulations	Push tractor	Cut sheet	Pull tractor	Roll paper	Optional cut-sheet feeders	Standard and optional	
9 pin		LX-300+II	C11C640051	USB, Parallel, Serial optional Network, 802.11b/g	ESC/P IBM 2380+	●	●	●	○	50 sheet	1 year replacement or repair optional extension to 3 years
		FX-890	C11C524021DA	USB, Parallel optional Network, 802.11b/g, Serial	ESC/P IBM PPDS OKI ML	●	●	●	○	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
		LX-1170II	C11C641002	USB, Parallel, Serial optional Network, 802.11b/g	ESC/P IBM 2381+	●	●	●	○	50 sheet	1 year replacement or repair optional extension to 3 years
		FX-2190	C11C526021DA	USB, Parallel optional Network, 802.11b/g, Serial	ESC/P IBM PPDS OKI ML	●	●	●	○	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
		DFX-9000	C11C605011DA	USB, Parallel, Serial optional Network, 802.11b/g	ESC/P IBM PPDS	●			○		1 year on-site optional extension to 3 years
24 pin		LQ-300+II	C11C638002	USB, Parallel, Serial optional Network, 802.11b/g	ESC/P2 IBM 2390+	●	●	●	○	50 sheet	1 year replacement or repair optional extension to 3 years
		LQ-590	C11C558021DA	USB, Parallel optional Network, 802.11b/g, Serial	ESC/P2 IBM PPDS	●	●	●	○	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
		LQ-630	C11C480014DA	USB, Parallel optional Network, 802.11b/g	ESC/P2 IBM PPDS	●	●				1 year replacement or repair optional extension to 3 years
		LQ-680	C11C376024DA	Parallel optional Network, Serial	ESC/P2 IBM 2390+	●	●		○	50 + 150 sheet *2	1 year replacement or repair optional extension to 3 years
		LQ-680 Pro	C11C376124DA	Parallel optional Network, Serial	ESC/P2 IBM 2390+	●	●		○	50 + 150 sheet *2	1 year replacement or repair optional extension to 3 years
		LQ-2090	C11C559011DA	USB, Parallel optional Network, 802.11b/g, Serial	ESC/P2 IBM PPDS	●	●	●	○	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
		LQ-2180	C11C272161DA	Parallel optional Network, Serial	ESC/P2 IBM 2391+	●	●	●	○	50 + 150 sheet *1	1 year replacement or repair optional extension to 3 years
		DLQ-3500	C11C396083DA	USB, Parallel optional Network, 802.11b/g, Serial	ESC/P2 IBM PPDS	●	●			250 sheet	1 year on-site optional extension to 3 years

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Options, accessories and supplies

Epson 9-pin

Optional paper handling	Order code	LX-300+ II	LX-1170 II	FX-890	FX-2190	DFX-9000
Colour upgrade kit	C12C832082	•				
Convertible tractor unit	C12C800202			•		
	C12C800212				•	
	C12C800302	•				
	C12C800341		•			
Pull tractor unit	C12C800382					•
Paper roll holder	C12C811141	•	•	•	•	
Front paper guide	C12C814022			• *5		
	C12C814032				• *5	
Front sheet guide	C12C814001			• *6		
	C12C814011				• *6	
50 sheet cut sheet feeder	C12C806372	•		•		
	C12C806392		•		•	
150 sheet cut sheet feeder	C12C806382			•		
	C12C806402				•	
Perforation cutter	C12C815072					•
Supplies						
Black fabric ribbon	C13S015019	•				
Black fabric ribbon	C13S015020		•			
Black fabric ribbon	C13S015329			•		
Black fabric ribbon	C13S015327				•	
Black fabric ribbon	C13S015384					•
Colour fabric ribbon	C13S015073	•				
Optional interfaces*¹⁰						
Serial 0K buffer	C12C824432			•	•	•
Epsonnet 10/100 Base Tx Int. Printer Server 5e	C12C824352			•	•	•
Epson 802.11b/g Wireless and 10/100 Base TX External Print Server 240V	C12C824373	•	•	•	•	•
Warranty*¹⁰						
1 year replacement or repair		•	•	•	•	
1 year on-site						•
Optional extension to 3 years	ECPGRP10	•				
	ECPGRP20		•	•		
	ECPGRP25				•	
	ECPGRP70					•

*3 150 sheet cut sheet feeder must be fitted first

*5 can be used in conjunction with front continuous paper feeding

*6 cannot be used in conjunction with front continuous paper feeding

*10 Not available in all countries. Please contact your Epson local representative

Epson 24-pin

Optional paper handling	Order code	LQ-300+II	LQ-590	LQ-630	LQ-680/ 680 Pro	LQ-2090	LQ-2180	DLQ-3500	PLQ-20/ 20M	PLQ-20D/ 20DM
Colour upgrade kit	C12C832112	•								
Convertible tractor unit	C12C800202		•							
	C12C800212					•				
	C12C800302	•								
	C12C800322						•			
Front sheet guide	C12C814011					•				
Front paper guide	C12C814022		•							
50 sheet cut sheet feeder	C12C806372	•	•							
	C12C806392					•				
	C12C806742						*3 •			
	C12C806792				*3 •					
150 sheet cut sheet feeder	C12C806382		•					•		
	C12C806402					•				
	C12C806732						•			
	C12C806872				•					
250 sheet cut sheet feeder	C12C806832									
Space saving kit	C12C802202							•	•	
Automatic sheet Alignment unit	C12C806882							•		
Supplies										
Black fabric ribbon	C13S015021	•								
Black fabric ribbon	C13S015337		•							
Black fabric ribbon	C13S015262				•					
Black fabric ribbon	C13S015066							•		
Black fabric ribbon	C13S015336					•				
Black fabric ribbon	C13S015086						•			
Black fabric ribbon	C13S015339								•	•
Black fabric ribbon	C13S015307			•						
Colour fabric ribbon	C13S015067							•		
Colour fabric ribbon	C13S015077	•								
Black film ribbon	C13S015255	•			•					
Optional interfaces*10										
Serial 0K buffer	C12C824432		•		•	•	•	•		
EpsonNet 10/100 Base Tx int. Print Server 5e	C12C824352		•		•	•	•	•		
Epson 802.11b/g Wireless and 10/100 Base TX External Print Server 240V	C12C824373	•	•	•			•	•	•	•
Warranty*10										
1 year replacement or repair		•	•	•	•	•	•			
1 year On-site							•	•		
Extension to 3 years	ECPGRP10	•								
	ECPGRP20		•	•	•					
	ECPGRP30					•	•			
	ECPGRP50							•		

Specifications

Epson 9-pin

	LX-300+ II		LX-1170 II		FX-890		FX-2190		DFX-9000	
Carriage width in columns	80		136		80		136		136	
Print speeds	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi
Ultra high speed draft					566	680	566	680		
High speed draft	300	337	300	337	559	627	559	627	1550	1450
Draft	225	270	225	270	419	503	419	503	1320	1320
Near letter quality	56	67	56	67	104.6	125.9	104.6	125.9	330	330
Emulations	ESC/P		ESC/P		ESC/P		ESC/P		ESC/P	
Epson	ESC/P		ESC/P		ESC/P		ESC/P		ESC/P	
IBM / OKI	2380 Plus		2381 Plus		ProPrinter DS / ML		ProPrinter DS / ML		2381 Plus / PPDS	
Paper handling features										
Auto paper loading	■		■		■		■		■	
Auto and manual tear off position	■		■		■		■		■	
Paper parking – continuous stationery	■		■		■		■		■	
Micro feed	■		■		■		■		■	
Automatic platen gap adjustment									■	
Cut sheet stationery										
Single sheet, paper, labels or envelopes	■		■		■		■		■	
Multi-part forms (original + copies)	1+4		1+4		1+5		1+5			
Front in top out					□		□			
Top in top out	■		■		■		■			
50 sheet cut sheet feeder	□		□		□		□			
150 sheet cut sheet feeder					□		□			
Combined 50/150 sheet cut sheet feeders					□		□			
Front paper guide					□ *5		□ *5			
Front sheet guide					□ *6		□ *6			
Roll paper	□		□		□		□		■	
Continuous stationery										
Single sheet or labels	■		■		■		■		■	
Multi-part (original + copies)	1+4		1+4		1+5 *9		1+5 *9		1+9 front 1+6 rear	
Sheets with varying thickness									□	
Multipart with Overlap									■	
Rear in top out – push feed	■		■		■		■		□	
Rear in top out – pull feed	■		■		■		■		■	
Rear in top out – push and pull feed	□ *1		□ *1		□ *1		□ *1		□	
Front in top out – push feed	■		■		■		■		□	
Front in top out – pull feed	■		■		■		■		■	
Front in top out – push and pull feed					□ *1		□ *1		□	
Bottom in top out – pull feed	■		■		■		■			
Two stationery types loaded at once					□ *1		□ *1		■	
Buffer	64 KB		64 KB		128 KB		128 KB		128 KB	
Acoustic noise level	49 dB(A)		49 dB(A)		55 dB(A)		55 dB(A)		58 dB(A)	
Colour printing	□									
Fonts										
Epson Draft	■		■		■		■		■	
Epson Roman	■		■		■		■		■	
Epson Sans Serif	■		■		■		■		■	
Barcode fonts										
Code 128	■		■		■		■		■	
Code 39	■		■		■		■		■	
EAN-13	■		■		■		■		■	
EAN-8	■		■		■		■		■	
Interleave 2 of 5	■		■		■		■		■	
PostNet	■		■		■		■		■	
UPC-A	■		■		■		■		■	
UPC-E	■		■		■		■		■	
Interfaces*10										
USB	■		■		■		■		■	
Parallel	■		■		■		■		■	
Serial	■		■		□		□		■	
Network print server					□		□		□	
802.11b/g wireless					□		□			
Dimensions in millimetres										
Width	366 mm		546 mm		414 mm		589 mm		700 mm	
Depth	275 mm		275 mm		350 mm		350 mm		378 mm	
Height	159 mm		163 mm		167.5 mm		167.5 mm		363 mm	
Weight	4.4 kg		6.3 kg		7.2 kg		9.4 kg		34 kg	
MTBF (power on hours)	6,000		6,000		20,000		20,000		20,000	
Print head life (million strokes per wire)										
Black	400 m		400 m		400 m		400 m		400 m	
Colour	100 m				characters		characters		characters	
Ribbon life (in million characters)										
Black ribbon	3 m		3 m		7,5 m		12 m		15 m	
Ribbon life (in characters)										
Colour ribbon										
Black	1 m									
Cyan	0,7 m									
Magenta	0,7 m									
Yellow	0,5 m									

■ = Standard

□ = Optional

s = Scalable from 2 to 32 point in 2 point steps

*1 requires additional convertible tractor unit option

*2 requires two additional convertible tractor unit options

*3 150 sheet cut sheet feeder must be fitted first

*4 front feed only

*5 can be used in conjunction with front continuous paper feeding

*6 cannot be used in conjunction with front continuous paper feeding

*7 LQ-680 Pro only

*8 LQ-630: USB/Parallel I/F LQ-630S: USB/Serial I/F

*9 Multipart 1+6 copies when using pull feed

*10 Not available in all countries. Please contact your local Epson representative

Specifications

Epson 24-pin

	LQ-300+ II		LQ-590		LQ-630		LQ-680/Pro		LQ-2090		LQ-2180		DLQ-3500		PLQ20/20M		PLQ20D/20DM	
Carriage width in columns	80		80		80		106		136		136		136		94		94	
Print speeds	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi	10 cpi	12 cpi
High speed draft	300	n/a	440	529	300	360	413	n/a	440	529	480	n/a	550	n/a	480	576	480	576
Draft	225	270	330	396	225	270	310	372	330	396	360	431	495	594	360	432	360	432
Letter quality	75	90	110	132	79	94	103	124	110	132	120	143	165	198	120	144	120	144
Emulations	ESC/P2		ESC/P2		ESC/P2		ESC/P2		ESC/P2		ESC/P2		ESC/P2		ESC/P2		ESC/P2	
Epson	IBM/OLIVETTI		IBM PPDS		IBM PPDS		2390 Plus		IBM PPDS		2391 Plus		ProPrinter 2391+ ProPrinter DS		IBM PPDS/PR2		IBM PPDS/PR2 IBM4722FP WNI4915+	
Paper handling features																		
Auto paper loading	■		■		■		■		■		■		■		■		■	
Auto and manual tear off position	■		■		■		■		■		■		■		■		■	
Paper parking – continuous stationary	■		■		■		■		■		■		■		■		■	
Micro feed	■		■		■		■		■		■		■		■		■	
Automatic platen gap adjustment							*7											
Cut sheet stationary																		
Single sheet, paper, labels or envelopes	■		■		■		■		■		■		■		■		■	
Multi-part forms (original + copies)	1+3		□ 1+4 *4		1+4		1+5		1+4		1+5		1+7		1+6		1+6	
Sheets with varying thickness							*7											
Multipart with overlap							*7											
Front in front out					■		■											
Front in rear out							■											
Front in top out			■								■							
Top in top out	■		■						■		■							
50 sheet cut sheet feeder	□		□				□ *3		□		□ *3							
150 sheet cut sheet feeder			□				□		□		□							
250 sheet cut sheet feeder													□					
Combined 50/150 sheet cut sheet feeders			□				□		□		□ *3							
Front paper guide			■ *5						□ *5		■ *5							
Front sheet guide			□ *6		■		■		■ *6		■							
Automatic sheet alignment unit													□		■		■	
Roll paper	□		□		□		□		□		□		□		□		□	
Continuous stationary																		
Single sheet or labels	■		■		■		■		■		■		■		■		■	
Multi-part (original + copies)	1+3		1+4		1+4		1+5		1+4		1+5		1+7					
Sheets with varying thickness							*7											
Multipart with Overlap							*7											
Rear in front out – push feed					■		■											
Rear in top out – push feed	■		■						■		■							
Rear in top out – pull feed	■		■						■		■							
Rear in top out – push and pull feed	□ *1		□ *1						□ *1		■							
Front in top out – push feed	■		■						■		■							
Front in top out – pull feed	■		■						■		■							
Front in top out – push and pull feed			□ *1						□ *1		□ *1							
Bottom in top out – pull feed	■		■						■		■							
Two stationary types loaded at once			□ *1						□ *1		■							
Buffer	64 KB		128 KB		32 KB		64 KB		128 KB		64 KB		128 KB		64 KB		64 KB	
Acoustic noise level	49 dB(A)		49 dB(A)		57 dB(A)		55 dB(A)		50 dB(A)		54 dB(A)		59 dB(A)		53 dB(A)		53 dB(A)	
Colour printing	□		□		□		□		□		□		■		□		□	
Fonts																		
Epson Draft	■		■		■		■		■		■		■		■		■	
Epson Courier	■		■		■		■		■		■		■		■		■	
Epson OCR-B	■		■		■		■		■		■		■		■		■	
Epson Orator	■		■		■		■		■		■		■		■		■	
Epson Orator-S	■		■		■		■		■		■		■		■		■	
Epson Prestige	■		■		■		■		■		■		■		■		■	
Epson Roman	■ S		■ S		■ S		■ S		■ S		■ S		■ S		■		■	
Epson Roman T	■ S		■ S		■ S		■ S		■ S		■ S		■ S		■		■	
Epson Sans Serif	■ S		■ S		■ S		■ S		■ S		■ S		■ S		■		■	
Epson Sans Serif H	■ S		■ S		■ S		■ S		■ S		■ S		■ S		■		■	
Epson Script	■		■		■		■		■		■		■		■		■	
Epson Script C	■		■		■		■		■		■		■		■		■	
Barcode fonts																		
Code 128	■		■		■		■		■		■		■		■		■	
Code 39	■		■		■		■		■		■		■		■		■	
EAN-13	■		■		■		■		■		■		■		■		■	
EAN-8	■		■		■		■		■		■		■		■		■	
Interleave 2 of 5	■		■		■		■		■		■		■		■		■	
PostNet	■		■		■		■		■		■		■		■		■	
UPC-A	■		■		■		■		■		■		■		■		■	
UPC-E	■		■		■		■		■		■		■		■		■	
Interfaces*10																		
USB	■		■		■ *8		■		■		■		■		■		■	
Parallel	■		■		■ *8		■		■		■		■		■		■	
Serial	■		□		■ *8		□		□		□		□		■		■ Dual	
Network print server			□		□		□		□		□		□		□		□	
802.11b/g wireless			□		□		□		□		□		□		□		□	
Dimensions in millimetres																		
Width	366 mm		437.5 mm		386 mm		497 mm		612.5 mm		639 mm		660 mm		384 mm		384 mm	
Depth	275 mm		374.5 mm		306 mm		387 mm		374.5 mm		402 mm		432 mm		280 mm		280 mm	
Height	159 mm		171.5 mm		185 mm		230 mm		171.5 mm		268 mm		276 mm		203 mm		203 mm	
Weight	4.4 kg		7.1 kg		3.5 kg		9.4 kg		9.5 kg		13 kg		18.1 kg		7.7/8.7 kg		7.7/8.7 kg	
MTBF (power on hours)	6,000		20,000		6,000		10,000		20,000		10,000		10,000		10,000		10,000	
Print head life (Million strokes per wire)																		
Black	200 m		400 m		200 m		400 m		400 m		400 m		400 m		400 m		400 m	
Colour	100 m																	
Ribbon life (in million characters)																		
Black ribbon	2 m		5 m		2 m		2 m		8 m		8 m		6 m or 9 m		5 m		5 m	
Ribbon life (in characters)																		
Colour ribbon																		
Black	1 m												1.5 m					
Cyan	0.7 m												1.1 m					
Magenta	0.7 m												1.1 m					
Yellow	0.5 m												0.8 m					



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