




**DOT MATRIX PRINTER**  
**24-PIN NARROW CARRIAGE**  
**LQ-310**



**YOUR FAST AND AFFORDABLE PRINTING SOLUTION.**



Designed to do more with less, Epson LQ-310 offers fast-printing at a low cost. Compact and capable, Epson LQ-310 24-pin dot matrix printer features extraordinary speed, output quality and reliability. Epson's constant innovations in printing solutions give you the best performing printer that suits your fast paced environment.

-   
Print
-   
Cost Effective
-   
Power Savings



**ENGINEERED FOR BUSINESS**

**High Processing Speed**

You can now enjoy high-speed processing time, with 128KB data buffer that will reduce waiting time.

**Fast Print Speed**

Maximize productivity with a fast print speed of up to 416 characters per second (12 cpi).

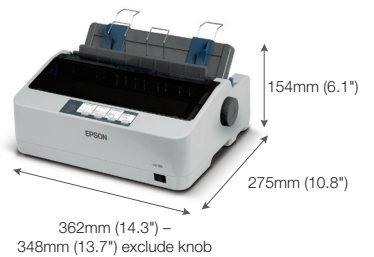
**Long-life Reliability**

With a Mean Time Between Failure (MTBF) rating of 10,000 POH (power on hours), it saves cost on electricity without compromising good quality printing.

<b>MODEL NUMBER</b>	<b>LQ-310</b>		
<b>Printing Technology</b>	Impact dot matrix		
Print Method	Impact dot matrix		
Number of Pins in Head	24 pins		
Print Direction	Bi-direction with logic seeking		
Control Code	ESC/P2 and IBM PPDS emulation		
<b>Print Speed</b>			
High Speed Draft	10 / 12 cpi	347 / 416 cps	
Draft	10 / 12 / 15 cpi	260 / 312 / 390 cps	
Draft Condensed	17 / 20 cpi	222 / 260 cps	
LQ	10 / 12 / 15 cpi	86 / 103 / 129 cps	
LQ Condensed	17 / 20 cpi	147 / 172 cps	
<b>Print Characteristics</b>			
Character Sets	Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCI, Roman 8, ISO Latin 1, PC 858, ISO 8859-15		
Bitmap Fonts	Epson Draft: 10, 12, 15 cpi; Epson Roman & San Serif: 10, 12, 15 cpi, Proportional; Epson Courier: 10, 12, 15 cpi; Epson Prestige: 10, 12 cpi; Epson Script, OCR-B, Orator & Orator-S: 10cpi; Epson Script C: Proportional		
Scalable Fonts	Epson Roman, Epson San Serif, Epson Roman T & Epson San Serif H: 10.5pt., 8pt. - 32pt. (every 2pt.)		
Barcode Fonts	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet		
<b>Printable Columns</b>			
Pitch	10 / 12 / 15 / 17 / 20 cpi	80 / 96 / 120 / 137 / 160 cpl	
<b>Paper Handling</b>			
Paper Path	Tractor Manual Insertion	Rear in, Top out Rear in, Top out	
Paper Size		<b>Length</b>	<b>Width</b>
Cut Sheet (Single Sheet)		100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")
Cut Sheet (Multi Part)		100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")
Envelope (No.6)		92 mm (3.6")	165 mm (6.5")
Envelope (No.10)		105 mm (4.1")	241 mm (9.5")
Continuous Paper (Single Sheet and Multi part)		101.6 ~ 558.8 mm (4.0 ~ 22.0")	101.6 ~ 254.0 mm (4.0 ~ 10.0")
Roll Paper		NA	216 mm (8.5")
			<b>Thickness</b>
			0.065 ~ 0.14 mm (0.0025 ~ 0.0055")
			0.12 ~ 0.32 mm (0.0047 ~ 0.0126") (Total)
			0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
			0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
			0.065 ~ 0.32 mm (0.0025 ~ 0.0126") (Total)
			0.07 ~ 0.09 mm (0.0028 ~ 0.0035")
Paper Feeding		Friction, Push Tractor	
Standard		N/A	
Optional		Original + 3 copies	
Copies		4.23mm (1/6") or programmable in increments of 0.118mm (1/216")	
Line Spacing		128KB	
<b>Input Data Buffer</b>			
<b>Interface</b>			
Standard		Bi-directional parallel interface (IEEE-1284 nibble mode supported) USB 2.0 Full-Speed Serial	
<b>Ribbon Cartridge</b>			
Standard		Fabric Ribbon Cartridge (Black)	
Ribbon Life		Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character)	
<b>Acoustic Noise</b>		Approx. 53 dB(A) (ISO 7779 pattern)	
<b>Reliability</b>			
Mean Print Volume Between Failure (MVBFB)		Approx. 20 million lines (Except print head)	
Mean Time Between Failure (MTBF)		Approx. 10,000 POH (25% Duty)	
Print Head Life		Approx. 400 million strokes/wire	
<b>Control Panel</b>		4 switches and 5 LEDs	
<b>Environmental Conditions (Operating)</b>			
Temperature		5 ~ 35°C	
Humidity		10 ~ 80 % RH	
<b>Electrical Specification</b>			
Rated Voltage		AC 120V / AC 220 - 240V	
Rated Frequency		50Hz ~ 60Hz	
Power Consumption		Approx. 22W (ISO/IEC 10561 Letter pattern), (ENERGY STAR compliant)	
Operating		Approx. 1.0 W (120V) / 1.3 W (230V)	
Sleep Mode		Approx. 0.5W	
Auto Off Mode		0W	
Power Off			
<b>Printer Driver / Utility</b>			
Operating System		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®	
Utility		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista® Epson Status Monitor 3 Epson Printer Setting	

**Dimensions & Weight**

**Weight:** Approx. 4.1kg (9.0lb)



**Options**

Fabric Ribbon Cartridge (Black) S015639

**Legend**

- cpi Characters per inch (Characters per 25.4mm)
- cps Characters per second
- cpl Characters per line
- POH Power On Hours



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Dealer's Stamp

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