

**DOT MATRIX PRINTERS**  
**24-PIN**  
**LQ-590II/590IIN**

**EPSON**  
EXCEED YOUR VISION

**AN EFFICIENT, RELIABLE  
AND AFFORDABLE PRINTER  
YOU CAN RELY ON.**



The Epson LQ-590II and LQ-590IIN are designed to offer busy offices extraordinary speed, output quality and reliability. Based on Epson's experience in delivering industry-standard solutions, these printers help you run and grow your business and stay in control of your operations. Easily manage and print seven-part forms<sup>^</sup> and reports at print speeds of up to 487 characters per seconds (cps) to deliver fast results and speedy transactions. Moreover, with a high character yield of up to 5 million characters, you can do more with less.



Print



High Speed  
Printing



Cost  
Effective



Power  
Savings



Ethernet\*



Epson genuine ribbons ensure greater yield, better quality and longer lifespan.

**IT'S IN THE DETAILS.**

**Increased Productivity**

Enjoy maximum productivity with fast print speeds of up to 487 cps (10 cpi) and 128 kb memory buffer.

**Long-life Reliability**

Enjoy cost savings, superior print quality and minimal downtime with a MTBF of 25,000 POH.

**Absolute Convenience**

Experience fuss-free printing with built-in network connectivity\* via Ethernet cable.

<sup>^</sup> For continuous paper only  
\* LQ-590IIN only.

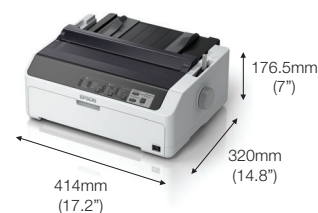
# SPECIFICATIONS

## LQ-590II/LQ-590IIN

MODEL NUMBER		LQ-590II	LQ-590IIN
<b>Printer Technology</b>			
Printing Method		Impact dot matrix	
Number of Pins in Head		24 pins	
Print Direction		Bi-direction	
Control Code		ESC/P2, IBM PPDS	
<b>Printer Speed</b>			
Ultra Speed Draft	10 cpi	550cps	
High Speed Draft	10 / 12 cpi	487 / 584 cps	
Draft	10 / 12 cpi	366 / 439 cps	
NLQ	10 / 12 cpi	121 / 145 cps	
<b>Print Characteristics</b>			
Character Table		1 Italic and 12 graphical character tables: Italic table, PC437 (US, StandardEurope), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC865 (Nordic), PC863 (Canadian-French), Abicomp, BRASCI, Roman 8, ISO Latin 1, PC858, ISO 8859-15	1 Italic and 7 graphical character tables: Italic table, PC437 (US, StandardEurope), PC850 (Multilingual), PC860 (Portuguese), PC865 (Nordic), PC863 (Canadian-French), PC858, ISO 8859-15
Bitmap Fonts Draft		10, 12, 15 cpi	
Scalable Fonts		Epson Roman / Sans Serif / Roman T / Sans 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	10cpi	80 columns	
<b>Paper Handling</b>			
Paper Path		Manual insertion (Front or Rear in-Top out), Push Tractor (Front or rear in, top out), Pull tractor (Front, rear or bottom in, top out)	
Paper / Media		<b>Length</b>	<b>Width</b>
Cut Sheet (Single Sheet)	Entry: Front	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")
	Entry: Rear	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")
Cut Sheet (Multi-part Sheet)	Entry: Front	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")
	Copies	1 Original + 5 copies	
Continuous Paper (Single Sheet / Multi-part)	Entry: Front, Rear, Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 254 mm (4.0 - 10.0")
	Copies	Original + 6 copies	
Envelope (No.6)	Entry: Rear	92mm (3.6")	165mm (6.5")
	Entry: Rear	105mm (4.1")	241mm (9.5")
Envelope (No.10)	Entry: Bottom	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 254 mm (4.0 - 10.0")
	Entry: Front, Rear	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")
Card	Entry: Front, Rear	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")
	Entry: Rear	127mm (5")	216mm (8.5")
Roll Paper	Entry: Rear	127mm (5")	216mm (8.5")
	Entry: Rear	127mm (5")	216mm (8.5")
Line Spacing		4.23mm (1/6") or programmable in increments of 0.0706mm (1/360")	
<b>Acoustic Noise</b>		55dB	
<b>Input Data Buffer</b>		128KB	
<b>Interface</b>		USB 2.0, Bi-directional parallel (IEEE-1284 nibble mode supported)	USB 2.0, Bi-directional parallel (IEEE-1284 nibble mode supported), Serial, 100base-Tx wired LAN
<b>Ribbon Cartridge</b>		Fabric Ribbon Cartridge (Black)	
Standard		Approx. 5 million Characters <sup>1</sup>	
Ribbon Life			
<b>Reliability</b>			
Mean Print Volume Between Failure (MVBf)		50 million lines (except print head)	
Mean Time Between Failure (MTBF)		25,000 Power On Hours (POH) (25% Duty)	
Print Head Life		400 million strokes / wire	
<b>Control Panel</b>		6 switches and 10 LEDs	
<b>Environmental Conditions (Operating)</b>			
Temperature <sup>2</sup>		5 - 35 °C	
Humidity <sup>2</sup>		10 - 80% RH	
<b>Electrical Specification</b>			
Rated Voltage		AC 220 - 240 V	
Rated Frequency		50Hz - 60Hz	
Power Consumption	Operating	49W	
	Sleep Mode	0.5W	
	Power Off	0.1W in power off mode	
<b>Supported Operating System</b>			
Printer Driver		Microsoft Windows XP / Vista / 7 / 8 / 10	
Utility		Epson Status Monitor 3: Microsoft Windows XP / Vista / 7 / 8 / 10 Epson Setting Utility: Microsoft Windows XP / Vista / 7 / 8 / 10	

### Dimensions & Weight

**Weight:** Approx. 7.2kg (15.9lbs)



### What's in the box

Main Unit  
CD-ROM  
Set-up Manual  
AC Power Cable  
Ribbon Cartridge  
Guide Stacker  
Wing  
Tractor

### Options and Consumables

Single Bin Cut Sheet Feeder C12C806372  
Pull Tractor Unit C12C933761  
Ribbon Cartridge C13S015589  
High Capacity Cut Sheet Feeder C12C806382

### Legend

cpi Characters per inch  
(Characters per 25.4mm)  
cps Characters per second  
cpl Character per line

<sup>1</sup> Actual print yield may vary depending on usage purpose and environment

<sup>2</sup> Without condensation

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