


**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.

MODEL NUMBER	LQ-590II	LQ-590IIN		
<b>Printer Technology</b>	Impact dot matrix			
Printing Method	24 pins			
Number of Pins in Head	Bi-direction			
Print Direction	ESC/P2, IBM PPDS			
Control Code				
<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				
Cut Sheet (Single Sheet)	Entry: Front	<b>Length</b> 100 - 364 mm (3.9 - 14.3")	<b>Width</b> 100 - 257 mm (3.9 - 10.1")	<b>Thickness</b> 0.065 - 0.14 mm (0.0025 - 0.0055")
	Entry: Rear	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")	0.065 - 0.14 mm (0.0025 - 0.0055")
Cut Sheet (Multi-part Sheet)	Entry: Front	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")	0.12 - 0.46 mm (0.0047 - 0.018")
	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")	0.065 - 0.49 mm (0.0025 - 0.019")
	Copies	Original + 6 copies		
Envelope (No.6)	Entry: Rear	92mm (3.6")	165mm (6.5")	0.16 - 0.52 mm (0.0063 - 0.0205")
	Entry: Rear	105mm (4.1")	241mm (9.5")	0.16 - 0.52 mm (0.0063 - 0.0205")
Envelope (No.10)	Entry: Rear	101.6 - 558.8 mm (4.0 - 22.0")	101.6 - 254 mm (4.0 - 10.0")	0.16 - 0.19 mm (0.0063 - 0.0075")
Label (Base Sheet)	Entry: Bottom	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")	0.22mm (0.0087")
Card	Entry: Front, Rear			
Roll Paper	Entry: Rear	<b>Diameter</b>	<b>Width</b>	<b>Thickness</b>
		127mm (5")	216mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.0035")
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>	Standard Ribbon Life	Fabric Ribbon Cartridge (Black) Approx. 5 million Characters <sup>1</sup>		
<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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Information correct as at June 2019

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