

**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.



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



Print



High Speed Printing



Cost Effective



Power Savings



Ethernet\*

**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>			
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")	<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")
Envelope (No.10) Entry: Rear	105mm (4.1")	241mm (9.5")	0.16 - 0.52 mm (0.0063 - 0.0205")
Label (Base Sheet) Entry: Bottom	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")
Card Entry: Front, Rear	100 - 148 mm (3.9 - 5.8")	100 - 148 mm (3.9 - 5.8")	0.22mm (0.0087")
Roll Paper Entry: Rear	<b>Diameter</b> 127mm (5")	<b>Width</b> 216mm (8.5")	<b>Thickness</b> 0.07 - 0.09 mm (0.0028 - 0.035")
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 (MVBFB) Mean Time Between Failure (MTBF) Print Head Life		
	50 million lines (except print head) 25,000 Power On Hours (POH) (25% Duty) 400 million strokes / wire		
<b>Control Panel</b>	6 switches and 10 LEDs		
<b>Environmental Conditions (Operating)</b>	Temperature <sup>2</sup> Humidity <sup>2</sup>		
	5 - 35 °C 10 - 80% RH		
<b>Electrical Specification</b>	Rated Voltage Rated Frequency Power Consumption		
	AC 220 - 240 V 50Hz - 60Hz Operating Sleep Mode Power Off		
	49W 0.5W 0.1W in power off mode		
<b>Supported Operating System</b>	Printer Driver Utility		
	Microsoft Windows XP / Vista / 7 / 8 / 10 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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