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^ 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.
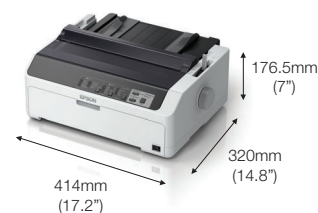
Absolute Convenience
Experience fuss-free printing with built-in network connectivity* via Ethernet cable.

^ For continuous paper only
* LQ-590IIN only.

SPECIFICATIONS
LQ-590II/LQ-590IIN

EPSON
EXCEED YOUR VISION

MODEL NUMBER		LQ-590II	LQ-590IIN
Printer Technology			
Printing Method		Impact dot matrix	
Number of Pins in Head		24 pins	
Print Direction		Bi-direction	
Control Code		ESC/P2, IBM PPDS	
Printer Speed			
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	
Print Characteristics			
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, BRASCII, 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	
Printable Columns			
Pitch	10cpi	80 columns	
Paper Handling			
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		Length	Width	Thickness
Cut Sheet (Single Sheet)	Entry: Front	100 - 364 mm (3.9 - 14.3")	100 - 257 mm (3.9 - 10.1")	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")
		Diameter	Width	Thickness
Roll Paper	Entry: Rear	127mm (5")	216mm (8.5")	0.07 - 0.09 mm (0.0028 - 0.035")

Line Spacing		4.23mm (1/6") or programmable in increments of 0.0706mm (1/360")	
Acoustic Noise		55dB	
Input Data Buffer		128KB	
Interface		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
Ribbon Cartridge	Standard	Fabric Ribbon Cartridge (Black)	
	Ribbon Life	Approx. 5 million Characters[1]	
Reliability			
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	
Control Panel		6 switches and 10 LEDs	
Environmental Conditions (Operating)			
Temperature[2]		5 - 35 °C	
Humidity[2]		10 - 80% RH	
Electrical Specification			
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	
Supported Operating System			
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)

176.5mm (7")
320mm (14.8")
414mm (17.2")

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

[1] Actual print yield may vary depending on usage purpose and environment
[2] Without condensation

Information correct as at March 2019