EPSON
EXCEED YOUR VISION

RELIABLE, SEAMLESS INTEGRATION MAKES ALL THE DIFFERENCE.

At Epson, we focus on the details. Epson passbook printers are a definite sleek and sound investment for your organisation. 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. With the flexible and versatile PLQ-35/50 series passbook printers, you can increase service productivity and operational efficiency while maintaining a low total cost of ownership. For multifunctional requirement, opt for the PLQ-50CSM passbook printer, which revolutionises document processing.

Print   High Speed Printing   Colour LED Control Panel   Cost Effective

Power Savings

1.44" Colour LED Control Panel
With the new feature of 1.44" colour LED control panel* for easy settings, configuration and checking printer status without wasting paper.

Fast Print Speed
Maximise productivity with faster printing speed of up to 630 cps (10 cpi).

Enhanced Reliability
Better reliability with printhead life up to 600 millions strokes/wire (in characters) and mean-time-between failure (MTBF) of up to 35,000 POH (power on hours).

*PLQ-50/50M/50CSM only

Astounding Speeds

Accomplish more, in shorter periods of time with high print speed of up to 630 cps (10cpi). Epson PLQ-35/50 series step-up print speeds through automatic sheet alignment, automatic printhead adjustment, and automatic page border features so you can enjoy hassle-free productivity that surpasses expectations.

Reliability

Built to last, the PLQ-35/50 series will continue to perform consistently, even in the most demanding of environments. Waste no time on maintenance with a remarkably high Mean Volume Between Failures (MVBF) of 7 million lines, amazing Mean Time Before Failure (MTBF) of 35,000 power-on hours, and a printhead life of up to 600 million strokes/wire (in characters).

Versatility

The PLQ-35/50 series printers are not only the ideal choice for passbook printing; their versatility also accommodates a wide variety of printing needs.

One of the key advantages of the PLQ-35/50 series is the ability to print on a variety of media that is used in financial institutions and government departments. These include passbooks of up to 2.6mm thickness, banking slips, visas, forms, receipts, tickets and a variety of other official documents.

Additionally, a myriad of options is readily available to suit a variety of business needs, including continuous paper feeding, cut-sheets and label printing. The printers also make multi-copy printing simple, with 1+6 copies of carbon printing for data archiving and duplicates.

Seamless Integration

Epson PLQ-35/50 series suits existing IT infrastructure with the ability to emulate IBM, Wincor and Olivetti control code. The printers come with Parallel, Serial, and USB interfaces that can conveniently integrate the printers into your existing systems.

Fuss-free and Easy

Enjoy fuss-free operations with the 1.44" colour LED screen control panel* that allows print setting to be changed easily without paper wastage. The printers user-friendly maintenance capabilities such as simple ribbon changing procedure helps to reduce costly and time-consuming IT support.

*PLQ-50/50M/50CSM only

Low Total Cost of Ownership

The benefits of high productivity and low ribbon yield, coupled with low service maintenance, results in a much reduced total cost of ownership. With a ribbon life of up to 10 million characters yield, ribbons on the PLQ-35/50 series of printers are longer lasting than conventional printers.

Smart Functionality

Auto Platen Gap Adjustment
The automated moving platen and roller-equipped printhead enable the PLQ-35/50 to accept a variety of media thickness.

Auto Sheet Alignment
Photo sensors detect and automatically instruct the paper feed roller to realign any misfed documents.

Auto Border Function
A paper width detector intelligently enables printing at the same distance from the paper edge wherever the paper is set within the paper tray. Paper widths are also automatically detected to ensure printing at the proper position on the fed material.

Consistent High Quality Prints

Epson products and genuine supplies work together in perfect synergy to give you peace of mind with optimal quality printouts.

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

All-in-One Convenience

Eliminate storage and transportation needs with the PLQ-50CSM printer. Equipped with the abilities of ID photo card scan and Magnetic Stripe Reader/Writer (MSRW), you have the perfect product for all front desk operations while you save space, time, and costs with digitisation.

ID Photo card scan

Easy Feed for Perfect Scans

Epson PLQ-50CSM printer has the ability to detect and correct slanted documents through a variety of document sizes and materials (e.g. from a passbook to an ID photo card). Its skew adjustment function and smart paper-position detector ensure that every scan you make is perfectly aligned.

Passbook feeder

Invoice feeder

Advanced Scanning Capabilities

You can easily process bill payments for your customers with the printer's advanced scanning capabilities. The device is able to enhance characters that are on a background image and improve the readability of characters with the Text Enhancement function. Aside from simple scanning jobs, the PLQ-50CSM printer allows you to scan and then crop a document to create images of the necessary portion of a document.

Feature: Text Enhancement

Original

Text Enhancement Off

Text Enhancement On

Feature: Image Cropping
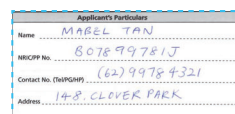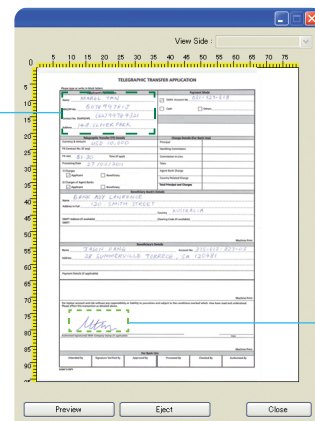
Cropped image showing customer's name and address

Cropped image showing customer's signature stamp

SPECIFICATIONS

Product Name	PLQ-35	PLQ-50/50M	PLQ-50CSM
Printer Type			
Print Method	24 pins Impact Dot Matrix		
Colour	Black		
Print Direction	Bi-direction with logic seeking		
Control Code	PR2, WNI4915, IBM4722, IBM PPDS, ESC/P2, ESC/P2 + ESC/MC*		
Control Panel	3 Buttons + 5 LED	3 Buttons + 5 LED + 1.44" Colour LCD panel	
Printer Speed			
PR2 Emulation (10 cpi)			
Ultra High Speed Draft	540	630	
High Speed Draft	480	560	
Draft	360	420	
NLQ	180	210	
LQ	120	140	
ESC/P2, Others (10 cpi)			
Ultra High Speed Draft	540	630	
High Speed Draft	480	560	
Draft	360	420	
LQ	120	140	
IBM 4722			
Standard Text (10 cpi)	360	420	
NLQ (10 cpi)	240	280	
Print Characteristics			
Character Table	International , PC437, PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman 8, ISO Latin 1, PC858 CP847 (Thai with TIS Extended) - for IBM 4722 Emulation only		
Barcode	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code39, Code128, POSTNET		
Printable Column			
Pitch	10 cpi: 94 cpl, 12 cpi: 112 cpl		
Paper /Media Handling			
Paper Path	Manual Insertion (front in, front out/ front in, rear out)		
Passbook — Width	110 - 241.3 mm		
Length	Horizontal: 127 - 220 mm, Vertical: 85 - 220 mm		
Thickness	Maximum: 2.6 mm, Cover Page: 0.2 - 0.5 mm, Each Page: 0.1 - 0.15 mm		
Cut Sheet Size — Width	65 - 245 mm		
Length	67 - 297 mm		
Thickness	Single Sheet: 0.065 - 0.19 mm Multi Part: 0.12 - 0.53 mm		
Cheque — Width	120 - 216 mm		
Height	68 - 120 mm		
Thickness	0.075 - 0.2 mm		
Magnetic Strip** — Width	-	Minimum 19mm from the bottom edge with maximum 5mm gap from the edge	
Length	-	Minimum 90mm from the left edge with maximum 2.9mm gap from the edge	
Acoustic Noise (dB) — A4 Single Sheet	55	PLQ-50: 55 PLQ-50M: 58	58
Passbook	52	PLQ-50: 52 PLQ-50M: 55	55
Copy	1 original + 6 copies		
Line Spacing	1/6 inch		
Interface	Bi-directional parallel interface (IEEE-1284 nibble mode supported), Serial I/F, High Speed USB 2.0		
Ribbon Cartridge			
Colour	Black		
Type	Fabric		
Ribbon Life	Approx. 5 million characters (LQ 10 cpi, 48 dots/character) Approx. 10 million characters (Draft 10 cpi, 24 dots/character)		
Reliability			
Mean Print Volume Between Failure (MVBF)	21 million lines	24 million lines	
Mean Time Before Failure (MTBF)	30000 POH	35000 POH	
Print Head Life	400	600	
Scanner Specifications			
Scanner Type	-		Document Feed
Sensor	-		CIS
Scanning Area	-		216 x 356 mm
Output Resolution	-		Main 600 dpi / 300 dpi / 200 dpi Sub 600 dpi / 300 dpi / 200 dpi
Maximum Effective Pixels	-		5100 x 2550
Bit Depth	-		Colour : 24 bit / RGB Mono: 1 bit / Black and White Greyscale: 8 bit
Scanning Speed — 300 / 600 dpi	-		Mono: 20.1 / 3.9 inch/sec Colour: 7.7 /1.3 inch/sec
Optical Character Recognition	-		OCR A/B
Barcode	-		Code 39, Code 128, ITF (Interleaved 2 of 5), EAN8, EAN13, UPC-A/UPC-E, Codebar (NW7)
Scanning Life	-		200,000 scans
Environmental Conditions			
Temperature	Operating: 5 - 38 °C		
Humidity	Operating: 10 - 85 % RH		
Electrical Specification			
Rated Voltage	AC 100 - 240 V		
Rated Frequency	50 - 60 Hz		
Power Consumption — In Operation	61 W	77 W	
Sleep Mode	0.7 W	0.8W	
Printer Driver			
Supported Operating System	Microsoft Windows XP, Vista, 7, 8, 8.1, 10. Windows Server 2003, 2008, 2012, 2016		
Software	Status Monitor		

Dimensions & Weight

PLQ-35
Weight: 7.8 kg

203 mm
280 mm
384 mm
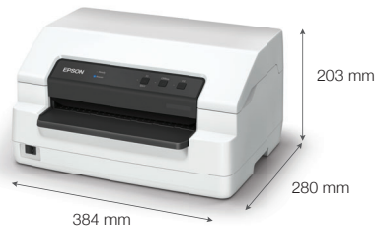
PLQ-50 / PLQ-50M / PLQ-50CSM
Weight: 7.9 kg (PLQ-50)
8.9 kg (PLQ-50M)
9.1 kg (PLQ-50CSM)

203 mm
280 mm
384 mm

Accessories

User's Manual CD
Setup Guide
Ribbon Cartridge (Black) - C13S015592
Power Supply Cable

Legend

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

* For M model only (Magnetic Strip Command)
** Not applicable to PLQ-50, recording area varies for each Magnetic Strip Standard

Information correct as at September 2020