



**RELIABLE, SEAMLESS INTEGRATION
MAKES ALL THE DIFFERENCE.**

Epson passbook printers are a definite sleek and sound investment for your organisation. With the flexible and versatile PLQ-30 series passbook printers, you can increase service productivity and operational efficiency while maintaining a low TCO. For multifunctional requirement, opt for the PLQ-22CSM passbook printer, which revolutionises document processing.



Print



Platen Gap /
Sheet
Adjustment



Cost
Effective



PLQ-22CSM



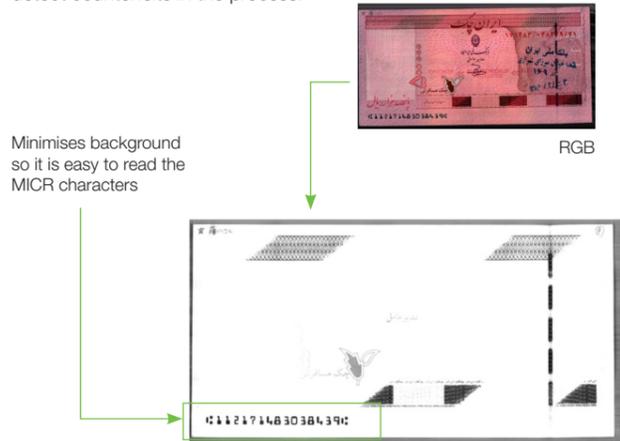
PLQ-30/30M

Multiple Functions

Swiftly process cheques with the multi-function PLQ-22CSM printer that reads magnetic characters on cheques, prints, and scans both sides of a cheque simultaneously, leading to significantly lower processing periods. This equates to increased productivity, improved customer satisfaction and reduced cost as well.

Secured Processing

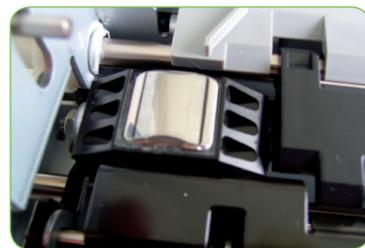
Epson PLQ-22CSM printer has the ability to scan carbon characters through unwanted background colours and graphics to eliminate the risk of counterfeit cheques. High-resolution and high-speed infrared duplex colour scanners work seamlessly with an application to help verify signatures and detect counterfeits in the process.



Assured Verification

Reliability in verification and authentication process is imperative in the banking and finance sector. As such, entrust the Epson PLQ-22CSM printer to prevent loss of time and money caused by recognition error through its 99%* recognition rate of the magnetic-ink character reader (MICR).

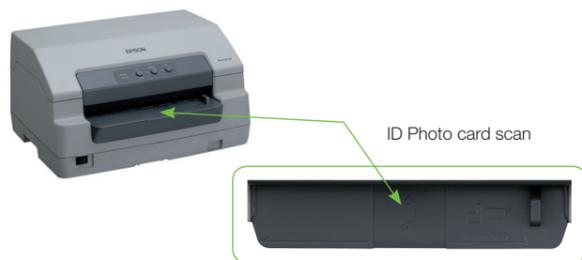
*Based on ISO1004:1995 standard



MICR+MSRW head

All-in-One Convenience

Eliminate storage and transportation needs with the PLQ-22CSM 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.



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-22CSM printer allows you to scan and then crop a document to create images of the necessary portion of a document.

Feature: Text Enhancement

Epson offers an extensive array of POS printers and transaction terminals for the retail and financial markets.

Epson is the leading provider of image-based electronic check implementations. Epson has taken a leadership position in the transformation of check payments from the physical to the digital taking advantage of ACH, Check 21, and Image Exchange platforms.

Original

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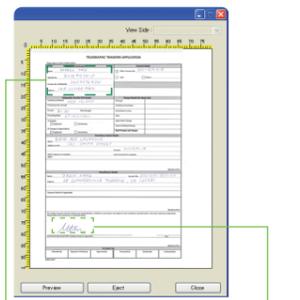
Text Enhancement Off

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Text Enhancement On

Feature: Image Cropping



Cropped image showing customer's name and address

Cropped image showing customer's signature stamp

Easy Feed for Perfect Scans

Epson PLQ-22CSM 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.



Astounding Speeds

Accomplish more, in shorter periods of time with high print speed of up to 624 cps. Epson PLQ-30 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-30 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 12,000 power-on hours, and a printhead life of 400 million strokes/ wire.

Versatility

The PLQ-30 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-30 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-30 series suits existing IT infrastructure with the ability to emulate PR2, IBM, WNI, and Olivetti. The printers come with Parallel, Serial, and, USB interfaces that can easily connect via USB to wired and wireless network so you can conveniently integrate the printers into your existing systems.

Fuss-free and Easy

Enjoy fuss-free operations with smart automated features for consistent and trouble-free printing. The Epson PLQ-30 is also easy to maintain with user-friendly maintenance capabilities such as a safe and simple ribbon changing procedure that reduces the need for costly and time-consuming IT support.



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-30 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-30 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.



MODEL NUMBER	PLQ-22CSM	PLQ-30/30M
Printer Type		
Print Method	24 pins Impact Dot Matrix	
Colour	Black	
Print Direction	-	Bi-direction with logic seeking
Control Code	PR2, ESC / P2, IBM PPDS emulation	PR2, WN14915, IBM4722, ESC / P2, ESC / P2 + ESC / MC, IBM PPDS emulation
Printer Speed		
PR2 Emulation		
Ultra High Speed Draft	-	585 cps (10 cpl)
High Speed Draft	480 cps (10 cpl)	520 cps (10 cpl) / 468 cps (12 cpl)
Draft	360 cps (10 cpl)	390 cps (10 cpl) / 390 cps (12 cpl)
NLQ	180 cps (10 cpl)	195 cps (10 cpl) / 195 cps (12 cpl)
LQ	120 cps (10 cpl)	130 cps (10 cpl) / 156 cps (12 cpl)
ESC / P2, Others		
Ultra High Speed Draft	-	585 cps (10 cpl)
High Speed Draft	480 cps (10 cpl)	520 cps (10 cpl) / 624 cps (12 cpl)
Draft	360 cps (10 cpl)	390 cps (10 cpl) / 468 cps (12 cpl)
LQ	120 cps (10 cpl)	130 cps (10 cpl) / 156 cps (12 cpl)
IBM4722		
Draft	-	390 cps (10 cpl)
NLQ	-	260 cps (10 cpl)
LQ	-	130 cps (10 cpl)
Print Characteristics		
Character Table	International, PC-437 International	International, PC-437 International, OCR-A
Barcode	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Coda bar (NW-7), Industrial 2 of 5	
Printable Columns		
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 Stripe	Width	14 mm
	Length	80 mm
Acoustic Noise		Approx. 55 dB(A)* A4 Single Sheet Approx. 53 dB(A)* Passbook * ISO7779 pattern PLQ-30: Approx. 52 dB(A) PLQ-30M: Approx. 55 dB(A)
Copy		1 original + 6 copies
Line Spacing		4.23 mm
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	7 million lines	
Mean Print Volume Before Failure	10,000 POH	12,000 POH
Print Head Life	400 million strokes / wire	
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	5104 x 8410	-
Bit Depth	Colour: input 24 bit / output 24 bit Black & White: input 8 bit / output 8 bit	-
Scanning Speed	Mono: 20 * / second (200 dpi, 300 dpi), 3.9 * / second (600 dpi) Colour: 7.7 * / second (200 dpi, 300 dpi), 1.3 * / second (600 dpi)	-
MICR Supported Font	E13B, CMC7	-
Optical Character Recognition	OCR A / B	-
Barcode	Code39, Code128, ITF (Interleaved 2 of 5), EAN8, EAN13, UPC-A / UPC-E, Codabar (NW7)	-
Environmental Conditions		
Temperature	Operating: 5 - 35 °C	
Humidity	Operating: 10 - 80 % RH	
Electrical Specification		
Rated Voltage	AC 220 - 240 V	
Rated Frequency	50 - 60 Hz	
Power Consumption	In operation: Approx. 64 W Sleep mode: Approx. 4.5 W	
Printer Driver		
Operating System	Microsoft® Windows® 2K / XP / Vista / 7	Microsoft® Windows® 2K / XP / Vista / 7 / 8 / 8.1 / 10

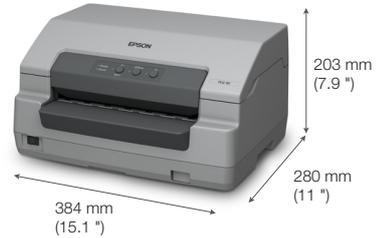
Dimensions & Weight

PLQ-22CSM

Weight: Approx. 9.2 kg (20.2 lb)

PLQ-30/30M

Weight: Approx. 8.0 kg (17.6 lb)



Accessories

- User's Manual CD
- Setup Guide
- Ribbon Cartridge (Black)
- 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

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Information correct as at May 2016