

# SPECIFICATIONS

**EPSON**  
EXCEED YOUR VISION

Weight: PLQ-20D 7.7 kgs  
PLQ-20DM 8.7 kgs



## EPSON PLQ-20 Series

<b>PRODUCT MODEL</b>	PLQ-20/20M	PLQ-20D/20DM
<b>PRINTER TYPE</b>	Impact dot matrix	
<b>PRINTING METHOD</b>	24 pins	
<b>NUMBER OF PINS IN HEAD</b>	Black	
<b>COLOUR</b>	Bi-direction with logic seeking	
<b>PRINT DIRECTION</b>	PR2 emulation, ESC/P2, IBM PPDS emulation, IBM 4722 emulation	
<b>CONTROL CODE</b>	PR2 emulation, ESC/P2, WNI 4915 emulation, IBM PPDS emulation, IBM 4722 emulation	
<b>PRINT SPEED</b>		
	PR2 emulation	ESC/P2
<b>HIGH SPEED DRAFT</b>	10cpi / 12cpi 480 cps / 432 cps	480 cps / 576 cps
<b>DRAFT</b>	10cpi / 12cpi 360 cps / 360 cps	360 cps / 432 cps
<b>NLQ</b>	10cpi / 12cpi 180 cps / 180 cps	-
<b>LQ</b>	10cpi / 12cpi 120 cps / 144 cps	120 cps / 144 cps
<b>PRINT CHARACTERISTICS</b>	International, PC-437 International, OCR-A	
<b>CHARACTER TABLE</b>	PR2: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, Code 39, Coda bar (NW7), Industrial 2 of 5	
<b>BAR CODE PRINTING</b>	ESC/P: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET	
<b>PRINTABLE COLUMNS</b>	(Characters Per Line)	
<b>PITCH</b>	10cpi / 12cpi 94 / 112	
<b>PAPER HANDLING/FEEDING</b>	Friction Feed (front manual)	
<b>FEEDING FORMAT</b>	Manual insertion (front in, front out / front in, rear out)	
<b>PAPER PATH</b>	Width	
<b>PASSBOOK</b>	Length	
	Total Thickness	Min. 110mm, Max. 241.3mm
	Weight	Horiz seam: Min. 127mm, Max. 220mm
		Vert seam: Min. 85mm, Max. 220mm
		Max. 2.6mm (open passbook)
		Min. 95 g/m <sup>2</sup> , Max. 116 g/m <sup>2</sup>
<b>CUT SHEET</b>	(Single)	Width to Length
		Thickness
		Weight
	(Multi-part)	Width to Length
		Copies
		Thickness
		Weight (per sheet)
<b>ACOUSTIC NOISE</b>	53 dB(A) (w/o MSRW)	
	55 dB(A) (w/ MSRW)	
<b>LINE SPACING</b>	4.23 mm (1/6 inch)	
<b>INPUT BUFFER</b>	64 Kbyte	128 Kbyte
<b>INTERFACE</b>	Bi-directional parallel interface (IEEE1284 nibble mode supported), Serial I/F, USB I/F ver. 1.1	Serial I/F (No. 1), Serial I/F (No. 2) USB I/F ver. 1.1
<b>RIBBON CARTRIDGE</b>	Fabric / Black	
<b>TYPE / COLOR</b>	5 million characters (LQ 10cpi, 48 dots/character)	
<b>RIBBON LIFE</b>	10 million characters (LQ 10cpi, 24 dots/character)	
<b>RELIABILITY</b>	7million lines/ 10,000 (POH)	
<b>MVBF/MTBF</b>	400 million strokes/wire	
<b>PRINT HEAD LIFE</b>		
<b>ENVIRONMENTAL CONDITIONS (OPERATING)</b>	5 to 35 °C	
<b>TEMPERATURE</b>	10 to 80 % RH	
<b>HUMIDITY</b>		
<b>ELECTRICAL SPECIFICATION</b>	AC220-240V	
<b>RATED VOLTAGE</b>	50-60 Hz (49.5 to 60.5 Hz)	
<b>RATED FREQUENCY</b>		
<b>POWER CONSUMPTION</b>	Approx. 60W / Approx. 8W in sleep mode / 0W in powered off mode	
	Energy Star Compliant	

## EPSON PLQ-20 Series



**Flex your Business Muscle**  
with a Sleek and Sound Investment for Your Organization

- Cost saving with long ribbon life
- Superior speed and excellent reliability
- Flexible connectivity with multiple interfaces

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# MAKE AN IMPACT ON YOUR BUSINESS NEEDS

## EPSON PLQ-20 Series



With powerful performance, high speeds and superior reliability, the flexible and versatile PLQ-20 series passbook printers increase service productivity and efficiency while maintaining a low TCO.

### Blazing Fast Speeds



The 24-pin PLQ-20 series is fast and versatile, with print speeds of up to 480 cps, high-speed paper throughput that enables you to get far more accomplished in a short period of time.

Output speeds are enhanced with convenient automatic sheet alignment, automatic print head adjustment and automatic page border features that enable problem-free printing. This not only equates to increased productivity but improved customer satisfaction and reduced cost as well.

### Reliability That You Can Count On

The PLQ-20 series printers are not only fast, they're supremely reliable. Built to last, these robust printers will consistently perform in the most bustling business environments. They have a mean volume between failure (MVBF) of an astounding 7 million lines! This is further enhanced by a high mean time before failure (MTBF) of 10,000 power-on hours and a print head life of 400 million strokes/wire.

### Versatility

The PLQ-20 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-20 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 thick, banking slips, visas, forms, receipts, tickets and a variety of other official documents.

Additionally, a myriad of options are 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.



### The Best of Tiny Packages

The PLQ-20 series of printers are powerful pocket sized packages. Taking up only a small amount of space, they are ideal for counter applications or environments where space is limited. A smart paper guide design, which bends forms or documents to be printed is another Epson ingenuity that saves space at the rear of the printer.

Maximise your print area environment with the PLQ-20 series small footprint and optional space saving kit. It includes a top paper tray for storing forms, document and books.



### Seamless Integration

With its ESC/P2, IBM, WNI and Olivetti emulation, you can easily install the PLQ-20 series into your existing IT infrastructure.



The PLQ-20 series come with Parallel, Serial and USB interfaces and can be connected via USB to wired and wireless network. This flexibility enables you to take advantage of specific solutions as your needs grow.

### Reduced Total Cost of Ownership

The benefits of high productivity and low ribbon yield, coupled with low serviced maintenance, results in a much reduced Total Cost of Ownership.



5.0  
Million  
Characters

Ribbons on the PLQ-20 series of printers are longer lasting than conventional printers and need not be changed before a considerable length of time. With a ribbon life of 5 million characters yields, the PLQ-20 series ensure enhanced Total Cost of Ownership when compared to typical printers that use ribbons that last for only 3.5 million characters.

### Easy Operations and Usability

The PLQ-20 series smart features make operations fuss free.



Automated functions on the PLQ-20 series always ensure consistent and trouble-free printing.

These printers offer superior and enhanced offering user-friendly maintenance capabilities like the safe and simple ribbon changing procedure that makes it easy to manage without the need for costly and time consuming IT support.

### Smart Functionality

#### Auto Platen Gap Adjustment

The automated moving platen and roller equipped print head enables the PLQ-20 series accept a variety of media thickness.

#### Auto Sheet Alignment

Photo Sensors detect and automatically instruct the Paper Feed Roller to realign any mis-fed documents.

#### Auto Border Function

A paper width detector intelligently enables printing on 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.

### Capture Checks Right at the Teller Station

Epson's TM-J9100 check scanner with integrated, high resolution inkjet printer feature Epson's exclusive TransScan™ digital check imaging technology that captures a two-sided image of the check in seconds. It features a timesaving auto feeder and double check feed sensor, and can scan up to 30 dpm.

With Epson's ProofPlus™ ID card scanner, tellers can capture a complete image of a customer's ID card. In addition, this multifunction inkjet printer offers the highest MICR read rate in its class, drop-in validation, one- and two-colour receipt printing and more.





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