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EXCEED YOUR VISION

Epson **PLQ-20 Series**

The reliable document and passbook printer
for post offices, banks and public administration

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The Epson PLQ-20 adds speed and versatility to printing in the banking, postal and public administration sectors. Built to last, it handles high volumes of passbooks, visas, tickets and other security documents with ease. It's also compact and connectable, with the flexibility to match your unique IT and space requirements.

Key features

- 24-pin impact document/ passbook printer for media up to 2.6 mm thick
- High print speed of up to 480 cps (10 cpi)
- Time saving automatic sheet alignment and automatic print head adjustment features
- Easy to integrate into your IT environment with Olivetti PR2, Epson ESC/P2, Wincor 4915, IBM PPDS and IBM 4722 FP emulations

- Long ribbon life of 10 million characters
- Optional space saving kit including top paper tray and rear paper guide
- Flexible connectivity with Parallel, Serial, Dual serial and USB (depends on model)
- Optional wireless and wired network interfaces
- Epson PLQ-20M and PLQ20-DM with additional magnetic stripe reader/ writer (MSRW)
- Remote upgrade management tool
- Configuration upgrade tool
- Advance printer information retrieval tool

Faster printing

The Epson PLQ-20 is fast and effective, with print speeds up to 480 cps (10 cpi), high paper throughput and the ability to handle passbooks and passports up to 2.6 mm thick. What's more, convenient automatic sheet alignment and automatic print head adjustment features enable passbooks to be printed quickly and easily.

Performance and reliability

This impact printer is built to last, with a mean volume between failure (MVBF) of 7 million lines, a mean time between failure (MTBF) of min. 10,000 power on hours and a print head life of 400 million strokes/wire. And the ribbon will not need to be changed for a long time, thanks to a lifetime of 10 million characters (draft) per ribbon.

Space saving

The Epson PLQ-20 has a small footprint. It easily fits into offices with limited space. And with the optional space saving kit you can fit it in an even smaller area. It includes a top paper tray for storing forms and books neatly. Additionally a rear paper guide guides the paper after printing which saves space on the rear side of the printer. PLQ-20D can easily switch between two operators allowing to use one printer instead of two and therefore saving space.

Easy to use

This impact printer makes fast, high quality printing simple. Users can change the ribbon easily, without any IT support thanks to the intuitive design of the printer.

Easy integration

The Epson PLQ-20 will fit seamlessly into your existing IT environment with its ESCP/P2, IBM and Wincor 4915 emulation settings and Olivetti PR2E default setting. It has standard Parallel, Serial and USB interfaces, and as an option you can also connect via USB to wired and wireless networks. The PLQ-20D and PLQ-20DM models feature two serial interfaces and a USB port, allowing the support of two users. Additionally it also supports IBM 4722 FP emulations for further ease of integration. Whatever your IT environment, Epson will endeavour to customise the Epson PLQ-20 to your specific requirements.

High capacity ribbon
for up to 10 million characters (draft)

The paper tray for a clean storage of documents (part of the space saving kit)

Optional space saving kit reduces footprint

Safe and easy ribbon exchange without requiring any IT support

PLQ-20D version with 1 USB and 2 serial interfaces

PLQ-20 version with 1 USB, 1 parallel and 1 serial interface

Printer model	Epson PLQ-20 (standard version) Epson PLQ-20M (MSRW version) Epson PLQ-20D (serial 2x version) Epson PLQ-20DM (serial 2x MSRW version)
Printing Method	Impact dot matrix
Number of Pins	24 pins
Columns	94 characters / line (10 cpi)
Resolution	max. 240 x 360 dpi
Print Direction	Bidirectional with logic seeking
Print Speed	• LQ (ESC/P2): 144 characters / second (12 cpi) • LQ (ESC/P2): 120 characters / second (10 cpi) • Draft (ESC/P2): 432 characters / second (12 cpi) • Draft (ESC/P2): 360 characters / second (10 cpi) • HighSpeed-Draft (ESC/P2): 576 characters / second (12 cpi) • HighSpeed-Draft (ESC/P2): 480 characters / second (10 cpi) • LQ (PR2): 144 characters / second (12 cpi) • LQ (PR2): 120 characters / second (10 cpi) • NLQ (PR2): 180 characters / second (12 cpi) • NLQ (PR2): 180 characters / second (10 cpi) • Draft (PR2): 360 characters / second (12 cpi) • Draft (PR2): 360 characters / second (10 cpi) • HighSpeed-Draft (PR2): 432 characters / second (12 cpi) • HighSpeed-Draft (PR2): 480 characters / second (10 cpi) (Printing speed depends on the used OS and application programs)
Paper Handling	**Passbook** Thickness: 2,6 mm (depending on paper quality) Weight: 95 – 116 g/m², printable area: 241 x 220 mm **Cut sheet multi part: max. 6 copies** Thickness: 0,12 – 0,53 mm (depending on paper quality), Weight: 34 – 50 g/m², printable area: 245 x 297 mm **Cut sheet single** Thickness: 0,065 – 0,19 mm (depending on paper quality), Weight: 52 – 157 g/m², printable area: 245 x 297 mm
Paper Feeding	Automatic platen gap adjustment Automatic sheet alignment Automatic border recognition
Character sets and tables	14 international character sets, legal Barcodes: Industrial 2 of 5, Code bar (NW-7), POSTNET, Code 128, Code 39, UPC-A, Interleaved 2 of 5, EAN-8, EAN-13
Interfaces	PLQ-20 version with 1 USB, 1 parallel and 1 serial interface PLQ-20D version with 1 USB and 2 serial interfaces

Emulations	Olivetti PR2E, Epson ESC/P2, Wincor 4915, IBM PPDS, IBM 4722 FP
Software tools	Remote upgrade management tool, Configuration upgrade tool, Advance printer information retrieval tool
Input buffer	64kb: PLQ-20, PLQ-20M / 128kb: PLQ-20D, PLQ-20DM
Noise level	< 53 dB(A) without MSRW, < 55 dB(A) with MSRW
Voltage range	220 – 240 V
Power consumption	60 W (print), 7,5 W stand-by, 0 W powered off mode Energy Star compliant
Reliability	Print head: 400 million strokes, MVBF: 7 million lines, MTBF: 10000 power on hours
Dimensions	Standard: 384 x 280 x 203 mm (W x D x H)
Weight	7,7 kg
Consumables	Ribbon Cartridge black capacity: 10 million lines (draft), Pack of 3: C13S015339
MSRW	Codes: BCD binary coded decimal, 4 data bits, 1VCR parity control bit Formats: IBM3604, DIN/ISO, ISO7811, IBM4746, ANSI, HT-2751-CIZ, ISO8484

Options	• EpsonNet 802.11b/g Wireless and
	  10/100 Base Tx External Print Server
	• EpsonNet 10/100 Base Tx USB External Print Server
	• EpsonNet Wireless 802.11b Print Server
	  (supports wireless printing functions)
	• Space saving kit (2 parts)

Warranty	Standard: 12 month on-site Optional: 36 month on-site

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