



# PR 9

## The Flexible Multiforms Printer for Banking, Public Administration and Industry



The PR 9 is the economic solution for fast and reliable document printing.

The PR 9 is a flexible transactional printer for banking, public administration, and industrial applications. Latest innovative technologies like e.g. automatic document edge sensing and alignment allow fast and reliable printing of various documents like pass books, tickets, prescriptions, and carbon paper with up to 7 copies. Optionally, continuous paper can also be processed.

A durable print head and long-life consumables as well as the user-friendly operation keep the total cost of ownership extremely low.

- 24-wire flatbed dot matrix printer
- Compact and modern design
- Up to 570 cps (10 cpi)
- User-friendly man-machine interface
- Low cost of ownership
- Long-living print head
- Automatic Gap Control (AGC) for premium print quality
- Automatic document edge sensing and alignment
- Serial (RS-232), Parallel and USB 2.0 Interfaces
- Fully compatible with new international standards in financial applications



# PR 9

## TECHNICAL DATA

### Printer Specification

<b>Technology:</b>	Serial impact dot matrix
<b>Printhead:</b>	24 wires 0.25 mm (0.01 inch) needle diameter, Life time > 500 million dots/needle
<b>Print mode:</b>	High speed draft (HSD), draft quality (DQ), near letter quality (NLQ) and letter quality (LQ)
<b>Print format:</b>	94 characters at 10 characters per inch (cpi)
<b>Resolution:</b>	360 x 360 (HxV)
<b>Ribbon:</b>	Cartridge nylon ribbon black, 5 million characters
<b>Dimensions:</b>	398 x 296 x 201 mm (WxDxH)
<b>Weight:</b>	9 kg
<b>Diagnostics:</b>	Selftest, hexdump, remote diagnostics via interface, Unique ID-number
<b>Operation Panel:</b>	LCD with 2 lines, each with 20 characters, 5 push buttons, 4 status LED's
<b>Rated Voltage:</b>	240 VAC ± 10%, 50 - 60 Hz
<b>Power Consumption:</b>	Operating approx. 170 W, 5.5W in sleep mode
<b>Environmental:</b>	Operating: + 5 to +35°C 35 to 85% rel. humidity Storage: -10 to +60 °C 10 to 90% rel. humidity
<b>Noise level:</b>	54 dB(A) according ISO 7779
<b>Agency Approvals:</b>	CE, CCC

### Paper Handling

<b>Paper path:</b>	Flatbed technology
<b>Paper Input:</b>	Cut sheets and passbooks from front, with: automatic alignment of all kinds of documents and automatic document edge sensing
<b>Paper output:</b>	To the rear or front depending on settings
<b>Paper weight:</b>	30 to 160 g/m <sup>2</sup> , Formsets up to 240 g/m <sup>2</sup>
<b>Passbook width:</b>	110 mm - 241 mm, maximum thickness 2 mm
<b>Paper width:</b>	80 mm - 245 mm
<b>Form feed:</b>	> 32 cm/second
<b>Automatic Print Force Control (PFA):</b>	Printing force can be optimized automatically depend- ing on paper thickness
<b>Copies:</b>	1 original + 6 copies

### Performance

<b>Print speed:</b>	HSD: 570 cps (10 cpi)	DQ: 414 cps NLQ: 207 cps LQ: 140 cps
<b>Reliability:</b>	MTBF: 10.000 hours	

### Connectivity

<b>Interface:</b>	Parallel Centronics / Serial RS-232 / USB 2.0
<b>Emulations:</b>	IBM Proprinter II / XL24, Olivetti PR2E / PR40+, OKI 5530SC, Epson LQ1600K, IBM 9068, WINCOR Highprint 4915
<b>Buffer:</b>	512 KByte
<b>Character Sets:</b>	ISO 8859/1-9, SO 8859/15, Olivetti code tables (7bit & 8bit), Code Pages 210, 220, 437, 850-858, 860-866, 1250-1257, Epson Ext.Char.Set in 13 national versions
<b>Fonts:</b>	Roman, Sans Serif, Italic, OCR-A, OCR-B, Chinese and other national character sets
<b>Character attributes:</b>	Bold, underline, overline, sub-/superscript, double width, double height, double width and height, horizontal and vertical expansion, italic
<b>Pitches:</b>	5, 10, 12, 12.9, 15, 16.6, 17.1, 18, and 20 cpi, proportional and compression
<b>Barcodes:</b>	EAN8, EAN12, UPC-A, UPC-E, Code 39, Code 128, Codabar, 2 of 5, Industrial, 2 of 5 Interleaved
<b>Graphics:</b>	9 pin mode density: 60, 72, 80, 120, 240 dpi 24 pin mode density: 60, 120, 180, 240, 360 dpi

Printer drivers for Windows are available for download at

### Options

<b>Interfaces:</b>	Parallel Serial RS-232 USB 2.0
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