

>> Intelligent multi-document handling  
for front-office applications

## Passbook - Transactional Printers



# PR90 Plus

The new PR90 Plus redesigned to offer the ultimate performance in its category combined with the best ergonomics to fit in the busiest front desks for tellers in bank branches or any industry where fast transaction safe print is a must.

### VALUE AND QUALITY FEATURES

- Print speeds reaching 684 characters per second (in 12 cpi mode)
- New redesigned flat low cover for better space management
- Unique 2 lines x 20 chars display for clear and comprehensive messages
- Passbook and cut sheet
- Improved connectivity with multiple easy to install interface choices
- User friendly interface
- 24-wire print head for high print quality
- Print head life of 600 million dots/needle (400 M character)
- Improved MICR support (option)
- Ideal for banks, post offices, travel agencies, public administration, healthcare, transportation and insurance companies

#### Performance at your fingertips

The PR90 Plus has been designed to meet the most demanding performance requirements. With print speed reaching 684 characters per second the PR90 Plus is by far the fastest transactional printer on the market today.

#### Superior build quality

The PR90 Plus is built to last and offers the highest level of service. Each component of the printer is built to the highest industry standard. A new redesigned cover with flat top surface and lower height allows better fitting into space restricted counters. The print head design with special needles made of Tungsten carbide offers high quality, precision and improved life span. The precise mechanism ensures best in class paper handling and highest print quality.

#### Feature rich printer

Built with the ease of use in mind, the PR90 Plus manipulation is a snap. It is equipped with an LCD that displays 2 lines of 20 characters each, unique in its category, a user friendly interface and enough buttons to operate the printer with utmost simplicity. Its unique design allows easy access for maintenance and ribbon change.

When it comes to connectivity, the PR90 Plus is distinguished with its extreme flexibility. With space to account for optional parallel interface, dual serial ports, USB, and LAN, PR90 Plus satisfies all your environment needs.

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Print technology	24-pin, continuous form serial impact dot matrix															
Print speed	<table border="1"> <thead> <tr> <th></th> <th>DRAFT</th> <th>DP</th> <th>NLQ</th> <th>LQ</th> </tr> </thead> <tbody> <tr> <td>10 cpi</td> <td>570 cps</td> <td>414 cps</td> <td>207 cps</td> <td>140 cps</td> </tr> <tr> <td>12 cpi</td> <td>684 cps</td> <td>497 cps</td> <td>248 cps</td> <td>168 cps</td> </tr> </tbody> </table>		DRAFT	DP	NLQ	LQ	10 cpi	570 cps	414 cps	207 cps	140 cps	12 cpi	684 cps	497 cps	248 cps	168 cps
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12 cpi	684 cps	497 cps	248 cps	168 cps												
Character sets	ISO 8859/1-9, ISO 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, IBM 864, PC 4352 (Arabic)															
Character attributes	Bold, underline, overline, sub/superscript, double width, double height, double width and height, horizontal and vertical expansion, italic															
Fonts	Arabic, Roman, Sans Serif, Italic, OCR-A, OCR-B, Chinese and other national character sets															
Bar codes	Interleaved 2/5, Industrial 2/5, EAN-8, EAN-12, Code 39, 128, Codabar, UPC/A, UPC/E															
Print characteristics	<p>Character spacing: 5, 10, 12, 12.9, 15, 16.6, 17.1, 18, 20, 30 cpi</p> <p>Line spacing: 6, 8, lpi, n/60, n/72, n/180, n/216, n/360 per inch</p> <p>Print line length: 94 characters @ 10 cpi</p>															
Resolution	360 x 360 dpi (HxV)															
Paper handling	<ul style="list-style-type: none"> <li>- Cut sheet and passbooks from front</li> <li>- Automatic document alignment</li> <li>- Automatic document edge sensing</li> <li>- Automatic pressure adjustment depending on paper thickness</li> </ul> <p>Passbook specifications: thickness: max. 2.0 mm; width: 110 mm - 241 mm</p> <p>Single Sheet Width: 80 - 245 mm</p> <p>Single Sheet Weight: 30 to 160g/m<sup>2</sup>; Formsets up to 240 g/m<sup>2</sup></p> <p>Copies: 1 original + 6 copies</p>															
Emulation	IBM® Proprinter II / X24; IBM® 9068; Epson® LQ 1600K; Olivetti PR2E/PR40+; OKI 5530SC															
Interface and connectivity	<p>Standard: Serial RS-232</p> <p>Additional Options: Parallel IEEE 1284 / Parallel + USB 2.0 / 2nd Serial RS-232 / USB 2.0 / 2nd Serial RS-232 + USB 2.0 / LAN</p>															
Optional devices	<p>Magnetic strip reader/writer</p> <p>MICR reader</p> <p>Scanner</p>															
Input data buffer	64 K															
Memory	16 MBytes															
Diagnostics	Selftest, hexdump, remote diagnostics via interface, Unique ID-number															
Reliability	MTBF: 10,000 hours @25% duty cycle															
Consumables	Type: Black ribbon cartridge; Life: 7 million characters (10 million characters available)															
Print head life	> 600 million dots/needle (400 Million characters)															
Physical	Dimensions (w x d x h): 398 x 296 x 201 mm; Weight: 9 kg															
Operating environment	<p>Temperature: 5° to 35° C</p> <p>Relative humidity: 15-85%</p> <p>Acoustics: &lt;54 dBA</p> <p>Voltage: 110V +/- 10% and 240V +/- 10%</p> <p>Frequency: 50 - 60 Hz</p> <p>Power consumption: 170W, 11W Standby</p>															
Regulatory	VDE/GS, UL, CE, CCC, FCC-B															
Warranty	Standard one-year															

