

## PP 809 High Performance Fanfold Matrix Printer



PP 809 with options printer stand and PM SER/PAR

- Heavy duty 24-wire dot matrix printer
- Flatbed technology using print bar
- Robust design for industry
- High Performance:  
1000 cps (10 cpi)  
800 pages/hour  
40,000 pages/month
- Up to 6 excellent copies (1+6)
- Precise print positioning, perfect for form printout
- Dual paper input:  
2 tractor cassettes and manual paper feed
- Low cost per page through 30 Mio character ribbon
- Wide print format up to 165 columns
- Easy user operation via macro functions

The PP 809 combines the performance of a line printer with the flexibility of a dot matrix printer. The rugged design and the Intellidrive™ Technology guarantee reliable unattended printing and a workload of up to 40,000 pages per month. Two accessible tractor cassette gives a high flexibility for the print production. The precise print registration allows to print also on multi-part form sets with high speed and accuracy. The PP 809 is a cost-effective alternative to line printers.

## TECHNICAL DATA

### Printer Specification

|                                   |   |
|-----------------------------------|---|
| <b>Technology:</b>                | serial impact dot matrix  |
| <b>Printhead:</b>                 | 24 wires, 0.25 mm needle diameter;<br>life time 400 million characters  |
| <b>Print mode:</b>                | high speed draft (HSD), data (DQ),<br>near letter (NLQ) and letter quality (LQ)   |
| <b>Print format:</b>              | 165 characters at 10 cpi  |
| <b>Ribbon:</b>                    | cartridge nylon ribbon black,<br>30 million characters, auto ribbon run control   |
| <b>Dimensions:</b>                | 734 x 280 x 295 mm (WxDxH)<br>(28.9 x 11.0 x 11.3 inch)   |
| <b>Weight:</b>                    | approx. 20 kg   |
| <b>Diagnostics:</b>               | selftest, hexdump, remote diagnostics via<br>interface  |
| <b>Operator Panel:</b>            | 16 digit LCD display,<br>trilingual (German, English, French)   |
| <b>Keyboard:</b>                  | Membrane tactile type with Ready/Stop LED   |
| <b>Rated voltage:</b>             | 100 - 125 VAC / 200 - 240 VAC<br>max. 3A / 1.5A / 50 - 60 Hz  |
| <b>Power input:</b>               | operating approx. 200 W, 40 W Standby   |
| <b>Environmental temperature:</b> | operating: +10 up to +35 °C (+50 to + 95°F)<br>20 up to 80% rel. humidity<br>storage: -40 up to +70 °C (-40 to +158°F)<br>5 up to 85% rel. humidity |
| <b>Noise level:</b>               | approx. 55 dB(A) acc. to ISO 7779   |
| <b>Agency approvals:</b>          | VDE/GS, UL, C-UL, CE, FCC-B   |

### Performance

|   |                                |             |
|---|--------------------------------|-------------|
| <b>Print speed:</b><br>(10 cpi)                     | HSD: 1,000 cps                 | DQ: 750 cps |
|   | NLQ: 430 cps                   | LQ: 216 cps |
| <b>Throughput:</b><br>(ECMA 132,<br>fanfold, 1-ply) | HSD: 800 pages/hour            |             |
|   | DQ: 760 pages/hour             |             |
|   | NLQ: 580 pages/hour            |             |
|   | LQ: 370 pages/hour             |             |
| <b>Duty cycle:</b>                                  | 40,000 pages per month         |             |
| <b>MTBF:</b>  | 15,000 hours at 30% duty cycle |             |

### Paper Handling

|                                     |  |
|-------------------------------------|--|
| <b>Paper path:</b>                  | flatbed design; 2 paper inputs, 1 output for<br>fanfold paper, paper path selectable via software or<br>operator panel |
| <b>Paper input:</b>                 | two removable tractor cassettes  |
| <b>Paper output:</b>                | to the rear with zero tear Off   |
| <b>Paper weight:</b>                | 60 to 100 g/m2 formsets up to 350 g/m2   |
| <b>Paper Thickness:</b>             | printing: max. 0.7 mm (0.028 inch),<br>transportation: max. 2.0 mm (0.08 inch)   |
| <b>Paper width:</b>                 | 102 to 450 mm (4 to 17.7 inch)   |
| <b>Form feed:</b>                   | 20 inch/second;  |
| <b>Automatic Gap Control (AGC):</b> | optimizes automatically the print gap according<br>to paper thickness  |
| <b>Copies:</b>                      | 1 original + 3 copies  |

### Connectivity

#### PERSONALITY MODULE SER/PAR

|                              |   |
|------------------------------|---|
| <b>Interfaces:</b>           | IEEE 1284 and serial RS-232C/RS422,<br>shared mode  |
| <b>Emulations:</b>           | IBM Proprinter XL24 (AGM),<br>Epson LQ 2550/1060/ESC/P2   |
| <b>Buffer:</b>               | up to 64 KByte  |
| <b>Character sets:</b>       | ISO 8859/1, ISO 8859/9, 8859/15; IBM Set 1/Set 2<br>in 14 national versions; IBM Code Pages 437, 850,<br>857, 858, 860, 863, 865; Epson Ext. Char. Set in 15<br>national versions; Eastern European character sets<br>771, 773, 774, 775, 852, 1125, 1251; Baltic RiM,<br>Greek, CZ, HUN, Russia, Win Lat 2 |
| <b>Fonts:</b>                | draft quality: High Speed Draft, Data and Data Large;<br>Near letter and letter quality: Courier, Sans Serif,<br>OCR-A, OCR-B, Orator, Orator-C, Prestige, Roman,<br>Script, Sans script  |
| <b>Character attributes:</b> | bold, italic, shadow, outline, double strike, underline,<br>double underline, overline, strike through, sub/<br>superscript, double to octuple, for Data Large<br>99-fold size  |
| <b>Pitches:</b>              | 10, 12, 15, 17.1, 18 and 20 cpi, proportional   |
| <b>Line spacing:</b>         | 2, 3, 4, 6, 8, ... 360 lpi  |
| <b>Barcode:</b>              | EAN 8, EAN 13, UPC-A, UPC-E, Postnet, KIX Code,<br>Code 39, Code 93, Code 128 (incl. EAN 128),<br>Codabar, 2 of 5 industrial, 2 of 5 interleaved,<br>and MSI Mod 10/10  |
| <b>Graphics:</b>             | 360 x 360 dpi max.  |
| <b>Macros:</b>               | parameter settings for up to four individual printer<br>configurations, selectable via software or Operator<br>panel  |

#### Other optional PERSONALITY MODULES

|                      |   |
|----------------------|---|
| <b>Ethernet:</b>     | Ethernet 10BaseT / 100BaseTX RJE45              |
| <b>IPDS:</b>         | Ethernet  |
| <b>IGP:</b>          | SER/PAR with Printronix IGP 10/20/40 emulation  |
| <b>HP:</b>           | SER/PAR or Ethernet with HP2934/2235 emulation  |
| <b>GENICOM:</b>      | SER/PAR or Ethernet with Genicom 3840 emulation |
| <b>MT50:</b>         | SER/PAR or Ethernet with MT50 emulation         |
| <b>Stringchange:</b> | SER/PAR or Ethernet                             |

Printer drivers for Windows and SAP R/3 device types are available for  
download at <http://www.psiprinters.com>.

### Options

|                           |  |
|---------------------------|--|
| <b>Printer stand:</b>     | for handling of dual fanfold paper input,<br>dimensions: 635 x 660 x 840 mm (WxDxH)<br>(25.4 x 26.4 x 33.6 inch);<br>weight: approx. 20 kg   |
| <b>Tractor cassettes:</b> | additional tractor cassettes can be loaded with paper<br>to be ready for quick plug-in once required. Very<br>helpful if several different types of media are used<br>alternatively. |
| <b>Interface:</b>         | Personality Modules  |

This is only an extract of the product specification. For a detailed specification it is referred to the comprehensive product documentation.  
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