*PROFESSIONAL HIGH SPEED PRINTER*

# PP 809

## High Performance Fanfold Matrix Printer

## Particularly economical and demanding tasks fulfilled at high volume printing with maximum performance in continuous and form printing.



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

- Personality Modules (interfaces) for major host and network environments

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.

**microplex**
printware corporation

## TECHNISCHE DATEN

### Printer Specification

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

### Performance

**Print speed:**

| (10 cpi) | HSD: 1,000 cps | DQ: 750 cps |
|---|---|---|
| | NLQ: 430 cps | LQ: 216 cps |

**Throughput:**

| (ECMA 132, | HSD: | 800 pages/hour |
|---|---|---|
| fanfold, 1-ply) | DQ: | 760 pages/hour |
| | NLQ: | 580 pages/hour |
| | LQ: | 370 pages/hour |

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| **Duty cycle:** | 40,000 pages per month |
| **MTBF:** | 15,000 hours at 30% duty cycle |

### Paper Handling

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| **Paper path**: | flatbed design; 2 paper inputs, 1 output for fanfold paper, paper path selectable via software or operator panel |
| **Paper input**: | two removable tractor cassettes |
| **Paper output**: | to the rear with zero tear 0ff |
| **Paper weight**: | 60 to 100 g/m2 formsets up to 350 g/m2 |
| **Paper Thickness**: | printing: max. 0.7 mm (0.028 inch), transportation: max. 2.0 mm (0.08 inch) |
| **Paper width**: | 102 to 450 mm (4 to 17.7 inch) |
| **Form feed**: | 20 inch/second; |
| **Automatic Gap Control (AGC)**: | optimizes automatically the print gap according to paper thickness |
| **Copies**: | 1 original + 3 copies |

### Connectivity

**PERSONALITY MODULE SER/PAR**

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

**Other optional PERSONALITY MODULES**

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

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

### Options

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