

## 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
- High Performance:
  - 1000 cps (10 cpi)
  - 800 pages/hour
  - 500 lines/minute (60 cpl)
  - 40,000 pages/month
- Dual paper input: 2 tractor cassettes and manual paper feed
- Lowest cost per page through 30 Mio character ribbon
- Wide print format up to 17.7 inches (165 col.)
- Easy user operation via macro functions
- Precise print registration
- 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.

## TECHNICAL DATA

### Printer Specification

<b>Technology:</b>	serial impact dot matrix
<b>Printhead:</b>	24 wires, 0.25 mm needle diameter; life time 400 million characters
<b>Print mode:</b>	high speed draft (HSD), data (DQ), near letter (NLQ) and letter quality (LQ)
<b>Print format:</b>	165 characters at 10 cpi
<b>Ribbon:</b>	cartridge nylon ribbon black, 30 million characters, auto ribbon run control
<b>Dimensions:</b>	734 x 280 x 295 mm (WxDxH) (28.9 x 11.0 x 11.3 inch)
<b>Weight:</b>	approx. 20 kg (43.5 lb)
<b>Diagnostics:</b>	selftest, hexdump, remote diagnostics via interface
<b>Operator Panel:</b>	16 digit LCD display, trilingual (German, English, French)
<b>Keyboard:</b>	Membrane tactile type with Ready/Stop LED
<b>Rated voltage:</b>	100 - 125 VAC / 200 - 240 VAC 3A / 1.5A / 50 - 60 Hz
<b>Power input:</b>	operating approx. 200 W, 40 W Standby
<b>Environmental temperature:</b>	operating: +10 to +35 °C (+50 to + 95°F) 20 to 80% rel. humidity storage: -40 to +70 °C (-40 to +158°F) 5 to 85% rel. humidity
<b>Noise level:</b>	approx. 55 dB(A) acc. to ISO 7779
<b>Agency approvals:</b>	VDE/GS, UL, CE, FCC-B

### Performance

<b>Print speed:</b> (10 cpi)	HSD: 1,000 cps	DQ: 750 cps
	NLQ: 430 cps	LQ: 216 cps
<b>Throughput:</b> (ECMA 132, 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 fanfold paper, paper path selectable via software or 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/m <sup>2</sup> formsets up to 350 g/m <sup>2</sup>
<b>Paper Thickness:</b>	printing: max. 0.7 mm (0.028 inch), 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 to paper thickness
<b>Copies:</b>	1 original + 3 copies

### Connectivity

	<b>PERSONALITY MODULE SER/PAR</b>
<b>Interfaces:</b>	parallel Centronics and serial RS-232C/RS422, shared mode
<b>Emulations:</b>	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ESC/P2
<b>Buffer:</b>	up to 64 KByte
<b>Character sets:</b>	ISO 8859/1, ISO 8859/15; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets optional
<b>Fonts:</b>	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, and Script
<b>Character attributes:</b>	bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub/ superscript, double to octuple, for Data Large 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, Code 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial, 2 of 5 interleaved, and MSI Mod 10/10
<b>Graphics:</b>	360 x 360 dpi max.
<b>Macros:</b>	parameter settings for up to four individual printer configurations, selectable via software or operator panel

### OTHER PERSONALITY MODULES

<b>Ethernet:</b>	Ethernet 10BaseT/100BaseTX RJE45
<b>Ethernet IPDS:</b>	Ethernet IPDS Emulation
<b>Twinax IPDS:</b>	IBM Twinax and IPDS Emulation
<b>SER/PAR HP:</b>	SER/PAR PM with HP2934/2235 Emulation
<b>Ethernet HP:</b>	Ethernet PM with HP2934/2235 Emulation
<b>WLAN:</b>	Wireless LAN PM according to IEEE 802.11b for Europe, Emulations like PM SER/PAR
<b>SER/PAR MT 50:</b>	Tally MT 50 Emulation
<b>SER/PAR Genicom:</b>	Genicom Emulation
<b>Code V IAS 2:</b>	
<b>Ethernet IGP:</b>	Printronix IGP/10/20/40 Emulation
<b>Parallel IGP:</b>	Printronix IGP/10/20/40 Emulation

Printer drivers for Windows 3.x/95/98/2000/NT 4.0 are available.  
SAP R/3 device types are available for download.

### Options

<b>Printer stand:</b>	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 (43.5 lb)
<b>Tractor cassettes:</b>	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.
<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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