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

- 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.

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PROFESSIONAL HIGH SPEED PRINTER

PP 809

TECHNICAL DATA

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 storage: -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)

mode	cps	mode	lpm
HSD:	1,000	DQ: 60 characters per line	500
DQ:	750	DQ: 80 characters per line	420
NLQ:	430		
LQ:	216		

Throughput:
(ECMA 132, fanfold, 1-ply)

mode	fanfold (at 10 cpi)
HSD	800 pages/hour
DQ:	760 pages/hour
NLQ:	580 pages/hour
LQ:	370 pages/hour

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

Paper Handling

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

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

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

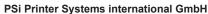|	
Printer stand:	for handling of dual fanfold paper input, dimensions: 635 x 660 x 840 mm (WxDxH) (25.4 x 26.4 x 33.6 inch); weight: approx. 20 kg
Tractor cassettes:	additional tractor cassettes can be loaded with paper to be ready for quick plug-in once required. Very helpful if several different types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

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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Creating printers for professionals

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