



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.



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) 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)	HSD: 1,000 cps DQ: 750 cps NLQ: 430 cps LQ: 216 cps
Throughput: (ECMA 132, fanfold, 1-ply)	HSD: 800 pages/hour DQ: 760 pages/hour NLQ: 580 pages/hour LQ: 370 pages/hour
Duty cycle:	0,000 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 Off
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 RJ45
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

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