

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

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 (43.5 lb)
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 3A / 1.5A / 50 - 60 Hz
Power input:	operating approx. 200 W, 40 W Standby
Environmental temperature:	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
Noise level:	approx. 55 dB(A) acc. to ISO 7779
Agency approvals:	VDE/GS, 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:	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 Off
Paper weight:	60 to 100 g/m ² formsets up to 350 g/m ²
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:	parallel Centronics 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 8859/15; 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
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, and 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 PERSONALITY MODULES

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

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 (43.5 lb)
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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