

PP 407

The Fast and Efficient Fanfold Printer



- Heavy duty
24-wire dot matrix printer
- Performance:
750 pages/hour
~ 400 lines/minute
30.000 pages/month
- Plug & Print:
Plug-in tractor cassettes
for easy paper loading
- Two fanfold papers
alternatively accessible
- Flatbed technology for
reliable and straight paper
transport
- Automatic Gap Control
- 1 + 5 excellent copies
- 14 fonts incl. block
characters
- 13 barcodes
- Long life ribbon
30 million characters
- Connectivity to all major
host systems and networks

The PP 407 is designed for continuous batch printing of lists, barcodes, labels, and multi-part formsets. The PP 407 fulfils professional applications in retail, financial institutes, logistics, and industrial environments. With the modular connectivity concept the PP 407 can be integrated into all major host systems and networks.

TECHNICAL DATA

Printer Specification

Technology:	serial impact dot matrix
Printhead:	24 wires, 0.25 mm (0.01 inch) needle diameter; life time 400 million characters
Print mode:	data (DQ), near letter (NLQ) and letter quality (LQ)
Print format:	136 characters at 10 characters per inch (cpi)
Ribbon:	nylon ribbon cassette, black, up to 16 million characters XXL ribbon, black, 30 million characters
Dimensions:	740 x 370 x 325 mm (WxDxH) (29.6 x 14.8 x 13 inch)
Weight:	~28.5 kg (62 lb)
Diagnostics:	selftest, hexdump, remote diagnostics via interface
Operator Panel:	16 digit LCD display, trilingual (German, English, French)
Rated voltage:	100-120/200-240 V, 50-60 Hz
Power input:	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:	55 dB(A) acc. to ISO 7779
Agency approvals:	VDE/GS, UL, C-UL, CE, FCC-B

Performance

Print speed:		cps		lpm
(10 cpi)	DQ:	700	DQ, 60 characters/line:	450
	NLQ:	350	DQ, 80 characters/line:	370
	LQ:	175		
Throughput:		letter	spread sheet 10 cpi	
(ECMA 132, fanfold, 1-ply)	DQ:	750	430 pages/hour	
	NLQ:	520	- pages/hour	
	LQ:	320	- pages/hour	
Duty cycle:	30,000 pages per month			
MTBF:	10,000 hours at 30% duty cycle			

Paper Handling

Paper path:	flatbed technology; 2 paper inputs, 1 output for fanfold paper, 1 optional output for single sheets; paper path selectable via software or operator panel
Paper input:	two independent, easy to plug-in tractor cassettes for fanfold paper; push tractors with park position; manual sheet feeder optional
Paper output:	either to the rear with zero tear off or to the front for single sheets when optional manual sheet feeder is installed
Paper weight:	60 to 90 g/m ² (2.4 to 3.6 oz/m ²) formsets up to 350 g/m ² (14 oz/m ²)
Paper width:	4 to 16 inch
Form feed speed:	20 inch/second; 25 ms per line feed
Automatic Gap Control (AGC):	optimizes automatically the distance between print head and paper according to paper thickness
Paper run control:	allows unattended printer operation
Copies:	1 original + 5 copies max. paper thickness 0.5 mm (0.02 inch)

Connectivity

STANDARD PERSONALITY MODULE (PM)

Interfaces:	parallel Centronics and serial RS-232C/V.24 incl. shared mode
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/, ESC/P2, Philips GP 310/490
Buffer:	up to 30 KByte
Character sets:	ISO 7-bit, in 11 national versions incl. ASCII; ISO 8859/1; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets optional
Fonts:	draft quality: Data, Data Block, and Data Large (block characters); near letter and letter quality: Courier, Letter Gothic (Italic), Micro, 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, all horizontal and vertical.
Graphics:	uni/bidirectional graphics printing (selectable), with 360 x 360 dpi max.
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel

OPTIONAL PERSONALITY MODULES

Ethernet:	Ethernet (10 Base T, 10 Base 2) and serial interfaces
Twinax IPDS:	IBM Twinax and parallel interfaces
Twinax SCS:	IBM Twinax, parallel and serial interfaces
Coax SCS:	IBM Coax, parallel and serial interfaces
IGP:	Standard PM with Printronix IGP 10/20/40 emulation
HP:	Standard or Ethernet PM with HP2934/2235 emulations
DEC-ANSI:	Standard or Ethernet PM with DEC-ANSI emulation
Eastern European Version:	PM Standard, Ethernet, IGP, Coax SCS, or Twinax SCS

Printer drivers for Windows 3.x/95/98/NT are available

Options

Printer stand:	dimensions (WxDxH): 635 x 660 x 840 mm (25.4 x 26.4 x 33.6 inch); weight: ~ 25 kg (55 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.
Stacker option:	stacking system integrated in the printer stand for orderly stacking of fanfold paper. Capacity: 2,000 pages

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