

PP 407

The Fast and Efficient Fanfold Printer



PP 407 with Printer Stand and Stacker Option

- 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 including
block characters
- 13 barcodes
- Long life ribbon
30 million characters
- Connectivity to all major
host systems and net-
works

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 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 inches)
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:	DQ: 700 cps	DQ, 60 car./line: 450 lpm
(at 10 cpi)	NLQ: 350 cps	DQ, 80 car./line: 370 lpm
	LQ: 175 cps	
Throughput:	mode letter	spread sheets at 10 cpi
(ECMA 132, letter, 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 paths:	flatbed technology, up to 5 input and 3 output possibilities, selectable via software or operator panel
Automatic Gap Control (AGC):	optimizes automatically the distance between printhead and paper according to paper thickness
Copies:	1 + 5 copies, max. paper thickness 0.5 mm (0.02 inch)
FANFOLD PAPER	
Paper input:	integrated push tractor with park position
Paper output:	rear side, zero tear-off
Paper width:	4 to 16 inch (100 to 400 mm)
Paper weight:	60 to 90 g/m ² , formsets up to 350 g/m ²
Form feed:	11 inch/second
Paper run control:	for unattended printing mode
CUT SHEETS	
Paper input:	manual front insertion; automatic sheet feeders (opt.)
Paper output:	user selectable paper exit at the front or face down stacker at the top of the printer with a capacity of 360 sheets
Paper width:	4.2 to 12.2. inch (105 to 305 mm)
Paper weight:	refer to options, cassettes

Connectivity

PERSONALITY MODULE SER/PAR (Option)	
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:	selectable up to 48 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 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
Fonts:	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, MSI Mod 10/10, all horizontal and vertical uni/bidirectional printing (selectable), 360 x 360 dpi max.
Graphics:	parameter settings for up to four individual printer configurations, selectable via software or operator panel
Macros:	
OTHER PERSONALITY MODULES	
Ethernet:	Ethernet 10BaseT/100BaseTX RJE45
Twinax IPDS:	IBM Twinax and parallel interfaces
Twinax SCS:	IBM Twinax, parallel and serial interfaces
Coax SCS:	IBM Coax, parallel and serial interfaces
DEC-ANSI:	SER/PAR or Ethernet PM with DEC -ANSI emulation
HP:	SER/PAR or Ethernet PM with HP2934/2235 emulation
Eastern European Version:	PM Standard, Ethernet, IGP, Coax SCS or Twinax SCS
Printer drivers for Windows 3.x/95/98/NT 4.0 /2000 are available. SAP R/3 device types are available for download at www.psiprinters.com .	

Options

Printer Stand:	Dimensions: 635 x 660 x 840 mm (WxDxH) Weight: ca. 25 kg (55 lb)
Tractor Cassette:	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:	System to be integrated into the stand for optimally collecting fanfold paper. Capacity: 2.000 pages

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