NEW

PP 407

PP 407
The Fast and Efficient Fanfold Printer

PP 407 with Printer Stand and Stacker Option

- Heavy duty
  24-wire dot matrix printer

- Performance:
  700 characters per second
  400 lines per minute
  750 pages per hour
  30,000 pages per 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 (AGC)

- 1 + 5 excellent copies

- 14 fonts including block
  characters; 13 barcodes

- high-precision uni- and
  bidirectional printing

- Long life ribbon up to
  30 million characters

- Connectivity to all major
  host systems and networks

- Optional Silent-Kit for
  additional noise reduction
  of ~75%

The PP 407 is applied where quick and cost-effective printing on fanfold paper is required. This printer model is perfectly designed for continuous batch printing of lists, barcodes and graphics on labels or multi-part formsets. Retail companies, financial institutes, logistics and industrial environments use the PP 407 in professional applications. The modular connection concept of the PP 407 allows the integration into all major host systems and network. The extreme long-life XXL ribbon cassettes in combination with the well proved matrix technology provide a very low Total-Cost-of-Ownership (TCO).

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:	XXL nylon ribbon cassette, black (up to 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:	200-240 V, 50-60 Hz (optionally 100-125 V, 50-60 Hz)
Power input:	120 W, 20 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:	mode	cps	mode	lpm
(at 10 cpi)	DQ:	700	DQ: 60 characters per line	450
	NLQ:	350	DQ: 80 characters per line	370
	LQ:	175		

Throughput:	mode	fanfold (at 10 cpi)
(ECMA 132,	DQ:	750 pages per hour
letter, 1-ply)	NLQ:	520 pages per hour
LQ:		320 pages per hour

Duty cycle: typical 30,000 pages per month

MTBF: 10,000 hours at 30% duty cycle

Paper Handling

Paper paths:	flatbed technology, 2 inputs for fanfold paper, 1 output for fanfold paper, paper path selectable via software or operator panel
Paper input:	two independent, easy to plug-in tractor cassettes for fanfold paper; push tractor with park position
Paper output:	to the rear with zero tear-off
Paper weight:	formsets up to 350 g/ m2 (14 oz/ m2), 60 to 90 g/m2 (2.4 to 3.6 oz/ m2) per sheet; single-layer up to 240 g/m2
Paper width:	4 to 16 inch (100 to 400 mm)
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, maximum paper thickness 0.5 mm (0.02 inch)

Connectivity

PERSONALITY MODULE SER/PAR/USB

Interfaces:	parallel IEEE 1284, serial RS-232 (DSUB 9), USB 2.0
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060, ESC/P2
Buffer:	selectable up to 176 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, 852, 857, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets 771, 773, 774, 775, 1125, 1251; Baltic RiM, Greek, CZ, HUN, Russia, Win Lat 2
Fonts:	Draft quality: Data and Data Large; Near letter and letter quality: Courier, OCR-A, OCR-B, Orator, Prestige, Roman, Script, Sans serif
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 (horizontal or vertical)
Graphics:	360 x 360 dpi max. (uni-/ bidirectional) **Macros**: parameter settings for up to four individual printer configurations, selectable via software or operator panel

PERSONALITY MODULES

Emulations	**Interface**
IBM/Epson:	Serial/Parallel/USB or Serial/Ethernet/USB
IPDS:	Ethernet
IBM-IGP 10/20/40:	Parallel or Ethernet
HP 2934/2235:	Serial/Parallel/USB or Serial/Ethernet/USB
Genicom:	Serial/Parallel/USB or Serial/Ethernet/USB
Stringchange:	Parallel or Ethernet

Printer drivers for Windows and SAP R/3 device types are available for download at http://www.psiprinters.com.

Options

Tractor Cassette:	Additional tractor cassettes for quick exchange of loaded media.
Printer Stand:	Dimensions: 635 x 660 x 840 mm (WxDxH), weight: approx. 25 kg (55 lb)
Stacker Option:	System to be integrated into the stand for orderly stacking of fanfold paper, capacity: ~ 2.000 pages
Sound Cover:	For an optimal sound insulation in application with the Printer Stand, dimensions: 910 x 575 x 420 mm (WxDxH), weight: approx. 33 kg
Sound Cabinet:	Replacement of Printer Stand and Sound Cover, dimensions: 900 x 715 x 1.150 mm (WxDxH), weight: approx. 80 kg
Silent-Kit:	For the reduction of the noice level of ~75%

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