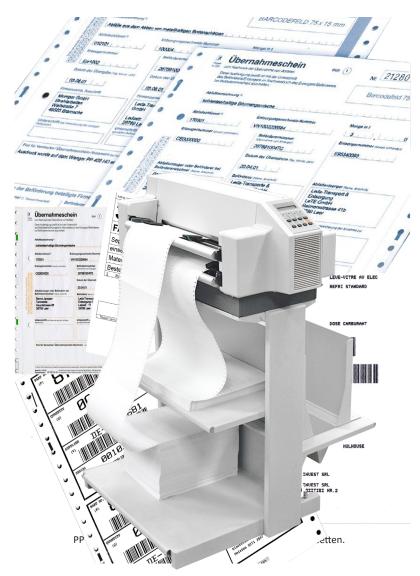
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# With a printing capacity of up to 750 pages per hour, the PP 407 is one of the fastest 24-pin printers on the market



PP 407 with the options printer stand and paper stacker

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).

- Heavy duty24-wire dot matrix printer
- Performance:
  - 700 characters per second
  - up to 510 lines per minute
  - up to 762 pages per hour
  - 40,000 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%







# TECHNICAL DATA

# **Printer Specification**

Technology: serial impact dot matrix

24 wires, 0.25 mm (0.01 inch) needle diameter; **Printhead** 

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

16 digit LCD display, **Operator Panel:** 

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 operating: +10 to +35 °C (+50 to +95°F)

temperature: 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

(at 10 cpi) DO: 700 DQ: 40 characters per line 510 NLQ: 350 DQ: 60 characters per line 430

LO: 370 175 DQ: 80 characters per line

**Throughput**: mode fanfold (at 10 cpi)

HSD: 762 pages per hour (FCMA 132 DQ: 750 pages per hour

letter, 1-ply) NLQ: 520 pages per hour LQ: 320 pages per hour

Duty cycle: typical 40,000 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

two independent, easy to plug-in tractor cassettes for Paper input:

fanfold paper; push tractor with park position

Paper output to the rear with zero tear-off

Paper weight: formsets up to  $350 \text{ g/m}^2$  (14 oz/m<sup>2</sup>),

60 to 90 g/m $^2$  (2.4 to 3.6 oz/ m $^2$ ) per sheet;

single-layer up to 240 g/m<sup>2</sup>

Paper width: 4 to 16 inch (100 to 400 mm)

Form feed speed: 20 inch/second; 25 ms per line feed

Automatic GAP optimizes automatically the distance between print Control (AGC): head and paper according to paper thickness

allows unattended printer operation Paper run control:

1 original + 5 copies, 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,

Buffer:

selectable up to 176 KByte Character sets: ISO 8859/1, ISO 8859/9, 8859/15; IBM Set 1/Set 2

into 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

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) 360 x 360 dpi max. (uni-/ bidirectional)

parameter settings for up to four individual printer Macros:

configurations, selectable via software or operator

panel

### PERSONALITY MODULES

Emulations Interface

Barcode:

Graphics:

Ipm

Serial/Parallel/USB or Serial/Ethernet/USB IBM/Epson:

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.psi-matrix.eu

## **Options**

Sound Cover:

Tractor Cassette: Additional tractor cassettes for quick exchange of

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

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

Zur Reduzierung des Geräuschpegels um 75% Schalldämmkit:

(\*) LPM = Lines per Minute

This is only an extract of the product specification. For a detailed specification it is referred to the comprehensive product documentation. Specifications are subject to change without notice. All registered trademarks are the property of their respective companies.

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