



Fast and economical solution for printing lists, barcodes, labels and multiple - form sets.



PP 404 with optional stand and paper tray.

The high performance printer PP 404 offers a fast and cost-effective solution for the printing of lists, barcodes, labels and multi-part formsets. Additionally the printer can be equipped with a manual sheet feeder. The PP 404 is designed for reliable and efficient print operation in industry, logistic, retail, banking, public administration and office application environments.

- 24 - needle high performance printer
- Flatbed technology for reliable paper transport
- Robust design
- Pressure performance: 470 pages/hour
20,000 pages/month
- low noise winding of <53dB (A)
- Manual paper feed optional
- up to 6 print copies (1+5)
- Separating print jobs without loss of form
- Automatic paper thickness sensing
- 14 fonts included poster fonts
- 13 different barcodes are supported



TECHNISCHE DATEN

Printer Specification

Technology:	serial impact dot printer
Printhead:	24 wires, 0,25 mm (0.01 inch) needle diameter; life time 400 Mio. 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
Dimensions:	635 x 390 x 273 (WxDxH)
Weight:	20,7 kg
Diagnostics:	selftest, hexdump, remote diagnostics via interface
Operator Panel:	16 digit LCD display, trilingual (German, English, French)
Rated voltage:	200-240 V (100-125 V, opt.), 50-60 HZ
Power input:	Printing operation 75 W (DQ/ NLQ) up to 120 W (LQ) Standby 15 W
Environmental temperature:	operating: +10 to +35 °C 20 to 80 % rel. L.F storage: -40 to +70°C 5 to 85 %rel. L.F
Noise level:	53 dB(A), according ISO 7779
Agency approvals:	VDE/GS, UL, C-UL, CE, FCC-B, CCC

Performance

Print speed::	Mode	(10 cpi)
	HSD:	540 cps
	DQ:	500 cps
	NLQ:	250 cps
	LQ:	125 cps
Throughput:	Mode	fanfold (1 ply, 10 cpi)
(ECMA 132)	HSD:	507 Pages/hour
	DQ:	470 Pages/hour
	NLQ:	350 Pages/hour
	LQ:	210 Pages/hour
Workload:	20,000 pages per month	
MTBF:	10,000 hours at 25% duty cycle	

Paper Handling

Paper path:	flatbed technology, 2 input possibilities (fanfold and optional manual feed), selectable via software or operator panel
Automatic Gap Control (AGC):	automatically optimizes the distance between printhead and paper dependent on paper thickness
Copies:	1 + 5 copies, max.thickness 0.5 mm (0.02 inch)
FANFOLD PAPER	
Paper input:	integrated push tractor and pull rollers
Paper width:	4 to 16 inch (100 to 406 mm)
Paper weight:	60 to 90 g/m ² , formsets up to 350 g/m ²
Paper Jam Detection:	for unattended printing
Form feed speed:	11 inch/second
Paper output:	rear side, zero tear off, heavy duty tear bar
CUT SHEETS	
Paper input:	manual sheet feeder optional
Paper width:	4.2 to 12.2 inch (105 to 305 mm)
Paper weight:	60 to 160 g/m ² , formsets up to 350 g/m ²
Paper output:	paper exit at the front for immediate access

Systemanbindung

PERSONALITY MODULE SER/PAR

Interface:	Parallel IEEE 1284, Seriell RS-232C / RS-422 (D-Sub 25 USB 2.0)
Emulationen:	IBM Proprinter XL24 (AGM), Epson LQ-2550 / LQ-1060 / ESC/P2
Buffer:	up to 128 KByte
Charactersets:	ISO 8859/1, ISO 8859/9, 8859/15; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 857, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets 771, 773, 774, 775, 852, 1125, 1251; Baltic RiM, Greek, CZ, HUN, Russia, Win Lat 2
Fonts:	Draft: High Speed Draft, Data and Data Large; Near Letter Quality und Letter Quality: Courier, Sans Serif, OCR-A, OCR-B, Orator, Orator-C, Prestige, Roman, Script, Sans script
Attributes:	bold, italic, shadow, outline, (double) underline, overline, strike through, sub-/superscript, double to octuple, for Data Large 99-fold size
Pitch:	10, 12, 15, 17, 18 und 20 Zeichen/Zoll, proportional
Line:	2, 3, 4, 6, 8, ... 360 Zeilen/Zoll
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:	uni/bi-directional printing (selectable), 360x360 dpi
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel

Other optional PERSONALITY MODULES

Ethernet:	Ethernet 10BaseT/100BaseTX RJE45
IPDS:	Ethernet IGP: SER/PAR or Ethernet with Printronix IGP 10/20/40 emulations
HP:	SER/PAR or Ethernet with additional HP2934/2235 emulation
GENICOM:	SER/PAR or Ethernet with Genicom 3840 emulation
MT50:	SER/PAR or Ethernet with MT50 emulation

Printer drivers for Windows and SAP R/3 device types are available for download at <http://www.psi-matrix.eu>.

Options

manual feeder:	facilitates input of single sheets and formsets, straight paper insertion
Printer Stand:	space saving design, correct stacking of fanfold paper dimensions: 611 x 540 x 750 (WxDxH) weight: approx. 10 kg

Die vollständige technische Spezifikation entnehmen Sie bitte bei Bedarf dem Druckerhandbuch. Technische Änderungen und Irrtümer vorbehalten. Alle Marken- und Produktnamen sind eingetragene Warenzeichen der jeweiligen Hersteller.

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