PP 404
The economic High Performance Printer

PP 404 with printer stand

- 24- wire dot matrix printer

- Flatbed design for reliable paper transport

- Robust design

- Performance:
  470 pages/hour
  20.000 pages/month

- Quiet operation:
  Noise level <53dB (A)

- Manual sheet feeder optional

- Up to 5 excellent copies (1+5)

- Heavy duty tear bar for correct printjob separation

- Automatic gap control

- 14 fonts inclusive block characters

- 13 resident barcodes

- Integrated interface ser/par/USB

The high performance printer PP 404 offers a fast and cost-effective solution printing 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 industrial, logistic, retail, banking, public administration, and office application environments.

PROFESSIONAL HIGH SPEED PRINTER

TECHNICAL DATA

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:	120 W (<30 W Standby)
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

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 dependend 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
Paper weight:	60 to 90 g/m², formsets up to 350 g/m²
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:	105 to 305 mm (4.2 to 12.2 inch)
Paper weight:	60 to 160 g/m², formsets up to 350 g/m²
Paper output:	paper exit at the front for immediate access

Performance

Print speed: (10 cpi)	DQ:	500 cps
	NLQ:	250 cps
	LQ:	125 cps
Throughput: (ECMA 132)	fanfold (1 ply)	
	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	

Connectivity

Interfaces:	Parallel IEEE1284, serial RS-232C (DSUB 9), USB 2.0
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060, ESC/P2
Buffer:	up to 48 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, 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 quality: Data, Data Block, and Data Large (block characters); near letter and letter quality: Courier, OCR-A, OCR-B, Orator, 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
Pitches:	10, 12, 15, 17.1, 18 and 20 cpi, proportional
Line spacing:	2, 3, 4, 6, 8, ... 360 lpi
Barcodes:	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 and Postnet
Graphics:	uni/bi-directional printing (selectable), 360x360 dpi
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel

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

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

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