

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.

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/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:	105 to 305 mm (4.2 to 12.2 inch)
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

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 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
Fonts:	bold, italic, shadow, outline, (double) underline, overline, strike through, sub-/superscript, double to octuple, for Data Large 99-fold size
Attributes:	10, 12, 15, 17.1, 18 and 20 cpi, proportional 2, 3, 4, 6, 8, ... 360 lpi
Pitches:	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
Line spacing:	uni/bi-directional printing (selectable), 360x360 dpi
Barcodes:	parameter settings for up to four individual printer configurations, selectable via software or operator panel
Graphics:	
Macros:	

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

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.