

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

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|-----------------------------------|--|
| 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

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|-------------------------------------|---|
| 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

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|-----------------------------|---|
| 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

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| 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

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| 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

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|------------------------|--|
| 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 |
| 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

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| 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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