

# 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

|                                   |   |
|-----------------------------------|---|
| <b>Technology:</b>                | serial impact dot printer   |
| <b>Printhead:</b>                 | 24 wires, 0,25 mm (0.01 inch) needle diameter;<br>life time 400 Mio. characters |
| <b>Print mode:</b>                | data (DQ), near letter (NLQ) and letter quality (LQ)                            |
| <b>Print format:</b>              | 136 characters at 10 characters per inch (cpi)                                  |
| <b>Ribbon:</b>                    | nylon ribbon cassette, black, up to 16 million characters                       |
| <b>Dimensions:</b>                | 635 x 390 x 273 (WxDxH)   |
| <b>Weight:</b>                    | 20,7 kg   |
| <b>Diagnostics:</b>               | selftest, hexdump, remote diagnostics via interface                             |
| <b>Operator Panel:</b>            | 16 digit LCD display, trilingual (German, English, French)                      |
| <b>Rated voltage:</b>             | 200-240 V (100-125 V, opt.), 50-60 HZ   |
| <b>Power input:</b>               | 120 W (<30 W Standby)   |
| <b>Environmental temperature:</b> | operating: +10 to +35 °C<br>storage: -40 to +70 °C<br>5 to 85 %rel. L.F         |
| <b>Noise level:</b>               | 53 dB(A), according ISO 7779  |
| <b>Agency approvals:</b>          | VDE/GS, UL, C-UL, CE, FCC-B, CCC  |

### Paper Handling

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

### Performance

|                                  |  |
|----------------------------------|--|
| <b>Print speed:</b><br>(10 cpi)  | DQ: 500 cps<br>NLQ: 250 cps<br>LQ: 125 cps   |
| <b>Throughput:</b><br>(ECMA 132) | fanfold (1 ply)<br>DQ: 470 pages/hour<br>NLQ: 350 pages/hour<br>LQ: 210 pages/hour |
| <b>Workload:</b>                 | 20,000 pages per month   |
| <b>MTBF:</b>                     | 10,000 hours at 25% duty cycle   |

### Connectivity

|                        |  |
|------------------------|--|
| <b>Interfaces:</b>     | Parallel IEEE1284, serial RS-232C (DSUB 9), USB 2.0  |
| <b>Emulations:</b>     | IBM Proprinter XL24 (AGM), Epson LQ 2550/1060, ESC/P2  |
| <b>Buffer:</b>         | up to 48 KByte   |
| <b>Character sets:</b> | 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 |
| <b>Fonts:</b>          | bold, italic, shadow, outline, (double) underline, overline, strike through, sub-/superscript, double to octuple, for Data Large 99-fold size  |
| <b>Pitches:</b>        | 10, 12, 15, 17.1, 18 and 20 cpi, proportional  |
| <b>Line spacing:</b>   | 2, 3, 4, 6, 8, ... 360 lpi   |
| <b>Barcodes:</b>       | 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  |
| <b>Graphics:</b>       | uni/bi-directional printing (selectable), 360x360 dpi  |
| <b>Macros:</b>         | 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

|                       |  |
|-----------------------|--|
| <b>manual feeder:</b> | facilitates input of single sheets and formsets, straight paper insertion  |
| <b>Printer Stand:</b> | space saving design, correct stacking of fanfold paper<br>dimensions: 611 x 540 x 750 (WxDxH)<br>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.