

## PP 205

### The Compact And Economical Matrix Printer For Logistics, Industry And Administration



The PP 205 provides for the economic access to professional dot matrix printing.

- Heavy Duty  
24-wire dot matrix printer
- Compact, modern design
- High throughput
  - 448 cps (10 cpi)
  - 319 pages/hour
- 2 paper inputs for fanfold and cut sheet processing
- Up to 5 copies (1+4)
- Precise print positioning
- 9 scalable fonts
- Perfect barcode printing

## TECHNICAL DATA

### Printer Specification

|                                  |  |
|----------------------------------|--|
| <b>Technology:</b>               | serial impact dot matrix   |
| <b>Printhead:</b>                | 24 wires, 0.2 mm (0.01 inch) needle diameter; lifetime 400 million needle-strokes per wire.  |
| <b>Print mode</b>                | High Speed Draft (HSD), Draft Quality (DQ), Near Letter Quality (NLQ) und Letter Quality (LQ)  |
| <b>Print format:</b>             | 136 columns at 10 cpi  |
| <b>Ribbon:</b>                   | nylon ribbon cassette, black, more than 5 million characters   |
| <b>Dimensions:</b>               | 570 x 330 x 120 mm (WxDxH)<br>(22.4 x 13 x 4.72 inch)  |
| <b>Weight:</b>                   | Approximately 9,7 kg (19 lb)   |
| <b>Diagnostics:</b>              | selftest, hexdump  |
| <b>Operator Panel:</b>           | 5 pushbutton switches, 2 modes, 6 LEDs indicators, 1 buzzer  |
| <b>Rated Voltage:</b>            | 220 - 240 VAC $\pm$ 10%<br>50 - 60 Hz  |
| <b>Power input:</b>              | max. 180 W, Standby max. 10 W  |
| <b>Environmental conditions:</b> | operating: + 5 to +38°C (+50 to +100° F)<br>30 bis 80% rel. humidity<br>storage: -15 to +60 °C (+5 to +140 ° F)<br>10 to 90% rel. humidity |
| <b>Noise level:</b>              | max. 49 dB(A) acc. to ISO 7779   |
| <b>Agency approvals:</b>         | CE, TÜV  |

### Performance

|                     |                                |                   |
|---------------------|--------------------------------|-------------------|
| <b>Print speed:</b> | HSD:                           | 448 cps at 10 cpi |
|                     | DQ:                            | 360 cps at 10 cpi |
|                     | NLQ:                           | 225 cps at 10 cpi |
|                     | LQ:                            | 113 cps at 10 cpi |
| <b>Throughput:</b>  | DQ:                            | 319 pages/hour    |
|                     | LQ:                            | 172 pages/hour    |
| <b>Duty cycle:</b>  | 8.000 pages per month          |                   |
| <b>MTBF:</b>        | 20.000 hours at 25% duty cycle |                   |

### Paper Handling

|                      |  |
|----------------------|--|
| <b>Paper input:</b>  | Fanfold paper: push tractor with park position<br>Cut sheet: Friction Feed, top in, top out rear side, zero-tear-off |
| <b>Paper output:</b> | Up to 280 g/m <sup>2</sup>   |
| <b>Paper weight:</b> | Up to 280 g/m <sup>2</sup>   |
| <b>Paper width:</b>  | Fanfold paper 102 to 420 mm (4.0 to 16.5 inch),<br>Cut sheet 102 to 420 mm (4.0 to 16.5 inch)                        |
| <b>Paper length:</b> | Fanfold over 102 mm (4.0 inch)<br>Cut sheet 76 to 420 mm (3.0 to 16.5 inch)  |
| <b>Form feed:</b>    | 5,6 inch/second  |
| <b>Copies:</b>       | 1 original + 4 copies; max. paper thickness 0.35 mm (0.01 inch)  |

### Connectivity

|   |   |
|---|---|
| <b>Interfaces:</b>                                | Parallel Centronics, USB, optional: LAN-card (Ethernet 10/100) as plug-in   |
| <b>Emulations:</b>                                | Epson ESC/P2<br>IBM Proprinter XL24 (AGM),<br>Fujitsu DPL24C PLUS   |
| <b>Buffer:</b>                                    | up to 128 KByte   |
| <b>Character sets:</b>                            | Italic character set<br>Graphic character sets 1 and 2<br>IBM PS/2 character set, code page 437, 850, 852, 855, 860, 863, 865, 866 and DHN<br>IBM 437 and 851<br>ISO 8859-1 and ECMA 94<br>61 national character sets   |
| <b>National character sets (all emulations.):</b> | Code pages 437, 850, 851, 852, 855, 860, 862, 863, 865, 866, ISO 8859-1, ECMA 94, USA, UK, German, French, Italian, Spanish, Swedish, Finnish, Norwegian, Danish 1 and 2, Hungarian 1 and 2, Slovenian 1 and 2, Mazovia 1 and 2, Polish 1 and 2, Latin 2 1 and 2, Latin P, PG-DHN, ELOT 927, Lithuanian 1 and 2, MIK, Macedonian, PG-MAC, ABY, ABG, DEC GR, GREEK 11, HBR-OLD, HBR-DEC, ISO Turkish, ISO Latin, Kamenicky 1 and 2, Turkish 1 and 2, ELOT 928, Cyrillic, RUSCII, Latin-9<br>(Note: Some national character sets do not support some resident fonts.) |
| <b>Resident fonts:</b>                            | Letter Quality<br>- Bitmap fonts: Courier 10, Pica 10, Prestige Elite 12, Boldface PS, Compressed, Draft 12, High-speed draft 12, OCR-B 10, OCR-A 10, Correspondence 10<br>- Scalable fonts: Courier (upright, italic, bold)<br>Nimbus Sans (upright, italic, bold)<br>Timeless (upright, italic, bold)   |
| <b>Character attributes:</b>                      | Bold, shadow, double-width, double-height, condensed, superscript, subscript, underlining, justified and proportional. Other modes, such as italic, multi size, outlined, shaded, and overlay, are available depending on the emulation used.   |
| <b>Pitches:</b>                                   | 10, 12, 15, 17.1, 18 und 20 characters/inch, proportional   |
| <b>Line spacing:</b>                              | 1, 2, 3, 4, 5, 6, 7 or 8 lines/inch<br>Programmable in 1/360 inch and other increments for image graphics   |
| <b>Barcodes:</b>                                  | Code 3 of 9, UPC-A, UPC-A with check character, Codabar (NW7), EAN13, EAN8, Industrial 2 of 5, Matrix 2 of 5, Interleaved 2 of 5, Code 128  |
| <b>Graphics:</b>                                  | max. 360 x 360 dpi  |

Printer drivers for Windows 3.x/95/98/NT 4.0 /2000/XP are available for download at [www.psiprinters.com](http://www.psiprinters.com).



Cut sheet printing with the PP 205.

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