

## PP 204

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



The PP 204 provides for the economic access to professional dot matrix printing.

- Heavy Duty  
24-wire dot matrix printer
- Compact, modern design
- High throughput
  - 400 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) and Letter Quality (LQ)
<b>Print format:</b>	80 columns at 10 cpi
<b>Ribbon:</b>	nylon ribbon cassette, black, more than 5 million characters
<b>Dimensions:</b>	415 x 330 x 120 mm (WxDxH) (16.3 x 13 x 4.72 inch)
<b>Weight:</b>	7.3 kg (16 lb)
<b>Diagnostics:</b>	selftest, hexdump
<b>Operator Panel:</b>	5 pushbutton, 2 modes, 6 LEDs indicators, 1 buzzer
<b>Rated Voltage:</b>	220 - 240 VAC ± 10% 50 - 60 Hz
<b>Power consumption:</b>	max. 180 W, Standby max. 10 W
<b>Environmental conditions:</b>	operating: + 5 to +38°C (+50 to +100° F) 30 to 80% rel. humidity storage: -15 to +60 °C (+5 to +140 ° F) 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:	400 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 Cut sheet: Friction Feed, top in, top out
<b>Paper output:</b>	rear side, zero-tear-off
<b>Paper weight:</b>	Up to 280 g/m <sup>2</sup>
<b>Paper width:</b>	Fanfold paper 102 to 267 mm (4.0 to 10.5 inch), Cut sheet 102 to 267 mm (4.0 to 10.5 inch)
<b>Paper length:</b>	Fanfold over 102 mm (4.0 inch) Cut sheet 76 to 364 mm (3.0 to 14.3 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)



Cut sheet printing with PP 204

### Connectivity

<b>Interfaces:</b>	Parallel Centronics, USB
<b>Emulations:</b>	Epson ESC/P2 IBM Proprinter XL24 (AGM), Fujitsu DPL24C PLUS up to 128 KByte
<b>Buffer:</b>	up to 128 KByte
<b>Character sets:</b>	Italic character set Graphic character sets 1 and 2 IBM PS/2 character set, code page 437, 850, 852, 855, 860, 863, 865, 866 and DHN IBM 437 and 851 ISO 8859-1 and ECMA 94 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 (Note: Some national character sets do not support some resident fonts.)
<b>Resident fonts:</b>	Letter Quality - 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
<b>Scalable fonts:</b>	Courier (upright, italic, bold) Nimbus Sans (upright, italic, bold) 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
<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 max. 360 x 360 dpi
<b>Graphics:</b>	

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).

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