

PP 205

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



- Heavy Duty 24-wire dot matrix printer
- Compact, modern design
- High throughput
537 cps (12 cpi)
360pages/hour
- Extremely quiet at maximum
49 dB(A)
- 2 paper inputs for fanfold
and cut sheet processing
- Up to 5 copies (1+4)
- Precise print positioning
- 9 scalable fonts
- Perfect barcode printing

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

The 24-wire matrix printer PP 205 convinces with high printing speeds of up to 400 cps. Thanks to the long-living print head (400 million strokes per wire) and ribbon cartridge (5 million characters) the printing costs are extremely low with 0.25 Cent per page.

With up to 5 copies guarantee for high flexibility and quality in demanding applications, like office, administration, logistics, and industry. Up to 128 Kbytes of memory space are available to store data and fonts.



PP 205

TECHNICAL DATA

Printer Specification

Technology:	serial impact dot matrix
Printhead:	24 wires, 0.2 mm (0.01 inch) needle diameter; lifetime 400 million needle-strokes per wire.
Print mode	High Speed Draft (HSD), Draft Quality (DQ), Near Letter Quality (NLQ) und Letter Quality (LQ)
Print format:	136 columns at 10 cpi
Ribbon:	nylon ribbon cassette, black, more than 5 million characters
Dimensions:	570 x 330 x 120 mm (WxDxH) (22.4 x 13 x 4.72 inch)
Weight:	Approximately 9,7 kg (19 lb)
Diagnostics:	selftest, hexdump
Oparator Panel:	5 pushbutton, 2 modes, 6 LEDs indicators, 1 buzzer
Rated Voltage:	220 - 240 VAC ± 10% 50 - 60 Hz
Power consumption:	max. 180 W, Standby max. 10 W
Environmental conditions:	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
Noise level:	max. 49 dB(A) acc. to ISO 7779
Agency approvals:	CE , TÜV

Paper Handling

Paper input:	Fanfold paper: push tractor with park position Cut sheet: Friction Feed, top in, top out rear side, zero-tear-off
Paper output:	
Paper weight:	Up to 280 g/m ²
Paper width:	Fanfold paper 102 to 410 mm (4.0 to 10.5 inch), Cut sheet 102 to 410 mm (4.0 to 10.5 inch)
Paper length:	Fanfold over 102 mm (4.0 inch) Cut sheet 76 to 364 mm (3.0 to 14.3 inch)
Form feed:	5,6 inch/second
Copies:	1 original + 4 copies; max. paper thickness 0.35 mm (0.01 inch)

Performance

Print speed:	HSD:	537 cps at 12 cpi
	DQ:	432 cps at 12 cpi
	NLQ:	270 cps at 12 cpi
	LQ:	140 cps at 12 cpi
Throughput:	DQ:	360 pages/hour
	LQ:	190 pages/hour
Duty cycle:	8,000 pages per month	
MTBF:	20,000 hours at 25% duty cycle	

Connectivity

Interfaces:	Parallel Centronics, USB
Emulations:	Epson ESC/P2 IBM Proprinter XL24 (AGM), Fujitsu DPL24C PLUS up to 128 KByte
Buffer:	up to 128 KByte
Character sets:	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

National character sets (all emulations.): 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.)

Resident fonts:	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
- Scalable fonts:	Courier (upright, italic, bold) Nimbus Sans (upright, italic, bold) Timeless (upright, italic, bold)
Character attributes:	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.
Pitches:	10, 12, 15, 17.1, 18 and 20 characters/inch, proportional
Line spacing:	1, 2, 3, 4, 5, 6, 7 or 8 lines/inch
Barcodes:	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
Graphics:	max. 360 x 360 dpi

Printer drivers for Windows 3.x/95/98/NT 4.0 /2000/XP are available for download at www.psi-matrix.eu

Option

Interface:	Parallel Centronics Seriell RS-232 USB
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The full technical specification, please refer to the printer manual please order as needed. Technical changes and errors reserved.
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