

Particularly economical and demanding tasks fulfilled at high volume printing with maximum performance in continuous and form printing.



PP 809 with the option printer stand

The PP 809 combines the performance of a line printer with the flexibility of a dot matrix printer. The rugged design and the Intellidrive™ Technology guarantee reliable unattended printing and a workload of up to 40,000 pages per month. Two accessible tractor cassette gives a high flexibility for the print production. The precise print registration allows to print also on multi-part form sets with high speed and accuracy. The PP 809 is a cost-effective alternative to line printers.

- Heavy duty 24-wire dot matrix printer
- Flatbed technology using print bar
- Robust design for industry
- High Performance:
 - 1000 cps (10 cpi)
 - 800 pages/hour
 - 40,000 pages/month
- Up to 6 excellent copies (1+6)
- Precise print positioning, perfect for form printout
- Dual paper input: 2 tractor cassettes and manual paper feed
- Low cost per page through 30 Mio character ribbon
- Wide print format up to 165 columns
- Easy user operation via macro functions
- Personality Modules (interfaces) for major host and network environments





TECHNISCHE DATEN

Printer Specification

Technology: serial impact dot matrix

Printhead: 24 wires, 0.25 mm needle diameter; life time 400 million characters

Print mode: high speed draft (HSD), data (DQ), near letter (NLQ) and letter quality (LQ)

Print format: 165 characters at 10 cpi

Ribbon: cartridge nylon ribbon black, 30 million characters, auto ribbon run control

Dimensions: 734 x 280 x 295 mm (WxDxH) (28.9 x 11.0 x 11.3 inch)

Weight: approx. 20 kg

Diagnostics: selftest, hexdump, remote diagnostics via interface

Operator Panel: 16 digit LCD display, trilingual (German, English, French)

Keyboard: Membrane tactile type with Ready/Stop LED

Rated voltage: 100 - 125 VAC / 200 - 240 VAC max. 3A / 1.5A / 50 - 60 Hz

Power input: operating approx. 200 W, 40 W Standby

Environmental temperature: operating: +10 up to +35 °C (+50 to +95°F) 20 up to 80% rel. humidity storage: -40 up to +70 °C (-40 to +158°F) 5 up to 85% rel. humidity

Noise level: approx. 55 dB(A) acc. to ISO 7779

Agency approvals: VDE/GS, UL, C-UL, CE, FCC-B

Performance

Print speed: (10 cpi) HSD: 1,000 cps DQ: 750 cps NLQ: 430 cps LQ: 216 cps

Throughput: (ECMA 132, fanfold, 1-ply) HSD: 800 pages/hour DQ: 760 pages/hour NLQ: 580 pages/hour LQ: 370 pages/hour

Duty cycle: 4 0,000 pages per month

MTBF: 15,000 hours at 30% duty cycle

Paper Handling

Paper path: flatbed design; 2 paper inputs, 1 output for fanfold paper, paper path selectable via software or operator panel

Paper input: two removable tractor cassettes

Paper output: to the rear with zero tear off

Paper weight: 60 to 100 g/m2 formsets up to 350 g/m2

Paper Thickness: printing: max. 0.7 mm (0.028 inch), transportation: max. 2.0 mm (0.08 inch)

Paper width: 102 to 450 mm (4 to 17.7 inch)

Form feed: 20 inch/second;

Automatic Gap Control (AGC): optimizes automatically the print gap according to paper thickness

Copies: 1 original + 3 copies full speed, > 1 + 4 copies reduced speed

Connectivity

PERSONALITY MODULE SER/PAR

Interfaces: IEEE 1284 and serial RS-232C/RS422, shared mode

Emulations: IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ESC/P2

Buffer: up to 64 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

Fonts: draft quality: High Speed Draft, Data and Data Large; Near letter and letter quality: Courier, Sans Serif, OCR-A, OCR-B, Orator, Orator-C, Prestige, Roman, Script, Sans script

Character attributes: bold, italic, shadow, outline, double strike, underline, 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

Barcode: 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, and MSI Mod 10/10, QR-Code optional 360 x 360 dpi max.

Graphics: parameter settings for up to four individual printer configurations, selectable via software or Operator panel

Other optional PERSONALITY MODULES

Ethernet: Ethernet 10BaseT / 100BaseTX RJE45

IPDS: Ethernet

IGP: SER/PAR with Printronix IGP 10/20/40 emulation

HP: SER/PAR or Ethernet with HP2934/2235 emulation

GENICOM: SER/PAR or Ethernet with Genicom 3840 emulation

MT50: SER/PAR or Ethernet with MT50 emulation

Stringchange: SER/PAR or Ethernet

Printer drivers for Windows and SAP R/3 device types are available for download at <http://www.psi-matrix.eu>

Options

Printer stand: for handling of dual fanfold paper input, dimensions: 635 x 660 x 840 mm (WxDxH) (25.4 x 26.4 x 33.6 inch); weight: approx. 20 kg

Tractor cassettes: additional tractor cassettes can be loaded with paper to be ready for quick plug-in once required. Very helpful if several different types of media are used alternatively.

Interface: Personality Modules

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.