

## PP 806

### The Multifunctional High Speed Printer



PP 806 with optional printer stand.

- Heavy duty 24-wire dot matrix printer
- Flatbed technology using print bar
- Performance:
  - 700 cps (10 cpi)
  - 580 pages/hour
  - 40.000 pages/month
- Modular design:
  - up to 6 paper inputs,
  - up to 3 paper outputs
- Lowest cost per page through 30 Mio. character ribbon
- Plug-in ribbon cassette with ribbon run control
- Wide print format up to 17.7 inches (165 col.)
- Easy user operation via macro functions
- Precise print registration
- Personality Modules (interfaces) for major host and network environments

The PP 806 is the professional solution for heavy duty, flexible, cost-efficient printing. This multi-purpose printer can take advantage of up to 6 different paper inputs for fanfold and cut sheet paper: Two removable tractor cassettes for fanfold paper, one manual front insertion for cut sheets and three optional sheet feeders for flexible printing. With its proven connectivity concept (PSi Personality Modules) the PP 806 is prepared for any network environment.

## TECHNICAL DATA

### Printer Specification

<b>Technology:</b>	Serial impact dot matrix
<b>Print Head:</b>	24 wires, 0.25 mm (0.01 inch) needle diameter lifetime approx. 400 million characters
<b>Print Mode:</b>	High Speed Draft (HSD), Data (DQ), Near Letter Quality (NLQ) und Letter Quality (LQ)
<b>Print format:</b>	up to 165 characters at 10 characters per inch (cpi)
<b>Ribbon:</b>	cartridge, nylon ribbon black, 30 million characters, ribbon run control
<b>Dimensions:</b>	734 x 280 x 295 mm (WxDxH) (28.9 x 11.0 x 11.3 inch)
<b>Weight:</b>	20 kg (43.5 lb)
<b>Diagnostics:</b>	selftest, hexdump, remote diagnostics via interface
<b>Operator Panel:</b>	16 digit LCD display, trilingual (German, English, French)
<b>Keyboard:</b>	Membrane tactile type with Ready/Stop LED
<b>Rated Voltage:</b>	100 - 240 V, 50 - 60 Hz
<b>Power Input:</b>	Operating < 200 W, Standby < 30 W
<b>Environmental</b>	
<b>Temperature:</b>	operating +10 to +35 °C (+50 to + 95°F) 20 to 80% rel. humidity storage: -40 to +70 °C 5 to 85% rel. humidity
<b>Noise Level:</b>	53 dB(A) nach ISO 7779
<b>Agency Approvals:</b>	VDE/GS, UL, CE, FCC-B

### Performance

<b>Print Speed:</b> (10 cpi)	HSD: 700 cps	DQ: 600 cps
	NLQ: 300 cps	LQ: 150 cps
<b>Throughput:</b> (ECMA 132)	DQ: 580 pages/hour	
	LQ: 260 pages/hour	
<b>Workload:</b>	40,000 pages per month	
<b>MTBF:</b>	15,000 hours at 30% duty cycle	

### Paper Handling

<b>Paper Paths:</b>	flatbed design; 6 inputs, 3 outputs, selectable via soft ware or operator panel
<b>Automatic Gap Control (AGC):</b>	optimizes automatically the print gap according to paper thickness
<b>Copies:</b>	1 original + 6 copies; max. 0.6 mm (0.024 inch) paper thickness, 1 original without copies max. 1.0 mm (0.04 inch) paper thickness, 2.0 mm (0.08 inch) trans- portation
	<b>Fanfold Paper</b>
<b>Paper Input:</b>	2 removable tractor cassettes
<b>Paper Output:</b>	at the rear side with zero-tear-off
<b>Paper Width:</b>	102 to 450 mm (4 to 17.7 inch)
<b>Paper Weight:</b>	60 to 120 g/m <sup>2</sup> ; form sets up to 350 g/m <sup>2</sup>
<b>Form Feed:</b>	20 inch/second
	<b>Cut Sheets</b>
<b>Paper Input:</b>	manual front insertion; up to 3 automatic sheet feeders opt.
<b>Paper Output:</b>	user selectable at front or rear
<b>Paper Width:</b>	manual up to 420 mm (16.6 inch), ASF 4 to 12.2 inch
<b>Paper Weight:</b>	manual 60 to 170 g/m <sup>2</sup> , ASF refers to options

### Personality Modules (PM)

#### PM SER/PAR (Option)

<b>Interfaces:</b>	Parallel Centronics and serial RS-232C/RS422 incl. shared mode
<b>Emulations:</b>	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ ESC/P2
<b>Buffer:</b>	up to 64 KByte
<b>Character Sets:</b>	ISO 8859/1, ISO 8859/15; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European char. optional 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, and Script
<b>Fonts:</b>	
<b>Character Attributes:</b>	bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub-/ superscript
<b>Size:</b>	double to octuple for all fonts, 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>Barcode:</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, and MSI Mod 10/10
<b>Graphics:</b>	360 x 360 dpi
<b>Macros:</b>	parameter settings for up to four individual printer confi- gurations, selectable via software or operator panel

#### Other Optional PERSONALITY MODULES

<b>Ethernet:</b>	Ethernet 10BaseT/100BaseTX RJE45
<b>Twinax IPDS:</b>	IBM Twinax and parallel
<b>IGP:</b>	Standard PM with Printronix IGP 10/20/40 Emulations
<b>HP:</b>	Standard or Ethernet PM with HP2934/2235 Emulations
<b>DEC-ANSI:</b>	Standard or Ethernet PM with DEC-ANSI Emulations
<b>WLAN:</b>	Wireless LAN according IEEE 802.11b, 11 MBit/s WEP Security, EPSON LQ- and IBM Proprinter Emulation (from 9/2002)

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

### Options

<b>ASF Cassettes:</b>	up to 3 automatic sheet feeders; paper size: DIN A4, A4 landscape, A5, A6, B5, Letter, Legal
<b>Cassette A2:</b>	Cut sheets form 70 to 100 g/m <sup>2</sup> , form sets up to 260 g/m <sup>2</sup> ; capacity: 180 sheets (80 g/m <sup>2</sup> ) paper width up to 305 mm (12 inch)
<b>Cassette B2:</b>	paper 100 to 150 g/m <sup>2</sup> ; form sets up to 300 g/m <sup>2</sup> ; envelopes from 70 to 90 g/m <sup>2</sup> ; capacity: 40 envelopes (70 g/m <sup>2</sup> )
<b>Cassette C:</b>	Thick and inflexible sheets and envelopes up to 300 g/m <sup>2</sup> , documents with middle fold for front-side stacking of up to 80 sheets, installa- tion in the upper tractor guede instead of tractor cassette
<b>Cut Sheet Stacker:</b>	
<b>Printer Stand:</b>	for handling of dual fanfold paper input; dimensions: 450 x 660 x 840 mm (WxDxH) (17.7 x 26.4 x 33.6 inch); Weight: approx. 16 kg (43,5 lb) for stacking up to 2,000 pages in combination with the printer stand
<b>Stacker Option:</b>	

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