



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

Technology:	Serial impact dot matrix
Print Head:	24 wires, 0.25 mm (0.01 inch) needle diameter lifetime approx. 400 million characters
Print Mode:	High Speed Draft (HSD), Data (DQ), Near Letter Quality (NLQ) und Letter Quality (LQ)
Print format:	up to 165 characters at 10 characters per inch (cpi)
Ribbon:	cartridge, nylon ribbon black, 30 million characters, ribbon run control
Dimensions:	734 x 280 x 295 mm (WxDxH) (28.9 x 11.0 x 11.3 inch)
Weight:	20 kg (43.5 lb)
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 - 240 V, 50 - 60 Hz
Power Input:	Operating < 200 W, Standby < 30 W
Environmental Temperature:	operating +10 to +35 °C (+50 to + 95°F) 20 to 80% rel. humidity storage: -40 to +70 °C 5 to 85% rel. humidity
Noise Level:	53 dB(A) nach ISO 7779
Agency Approvals:	VDE/GS, UL, CE, FCC-B

Performance

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

Paper Handling

Paper Paths:	flatbed design; 6 inputs, 3 outputs, selectable via soft ware or operator panel
Automatic Gap Control (AGC):	optimizes automatically the print gap according to paper thickness
Copies:	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
Fanfold Paper	
Paper Input:	2 removable tractor cassettes
Paper Output:	at the rear side with zero-tear-off
Paper Width:	102 to 450 mm (4 to 17.7 inch)
Paper Weight:	60 to 120 g/m ² ; form sets up to 350 g/m ²
Form Feed:	20 inch/second
Cut Sheets	
Paper Input:	manual front insertion; up to 3 automatic sheet feeders opt.
Paper Output:	user selectable at front or rear
Paper Width:	manual up to 420 mm (16.6 inch), ASF 4 to 12.2 inch
Paper Weight:	manual 60 to 170 g/m ² , ASF refers to options

Personality Modules (PM)

PM SER/PAR (Option)

Interfaces:	Parallel Centronics and serial RS-232C/RS422 incl. shared mode
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ ESC/P2
Buffer:	up to 64 KByte
Character Sets:	ISO 8859/1, ISO 8859/15; 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
Fonts:	
Character Attributes:	bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub-/ superscript
Size:	double to octuple for all fonts, 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
Graphics:	360 x 360 dpi
Macros:	parameter settings for up to four individual printer confi- gurations, selectable via software or operator panel

Other Optional PERSONALITY MODULES

Ethernet:	Ethernet 10BaseT/100BaseTX RJE45
Twinax IPDS:	IBM Twinax and parallel
IGP:	Standard PM with Printronix IGP 10/20/40 Emulations
HP:	Standard or Ethernet PM with HP2934/2235 Emulations
DEC-ANSI:	Standard or Ethernet PM with DEC-ANSI Emulations
WLAN:	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.

Options

ASF Cassettes:	up to 3 automatic sheet feeders; paper size: DIN A4, A4 landscape, A5, A6, B5, Letter, Legal
Cassette A2:	Cut sheets form 70 to 100 g/m ² , form sets up to 260 g/m ² ; capacity: 180 sheets (80 g/m ²) paper width up to 305 mm (12 inch)
Cassette B2:	paper 100 to 150 g/m ² ; form sets up to 300 g/m ² ; envelopes from 70 to 90 g/m ² ; capacity: 40 envelopes (70 g/m ²)
Cassette C:	Thick and inflexible sheets and envelopes up to 300 g/m ² , documents with middle fold for front-side stacking of up to 80 sheets, installa- tion in the upper tractor guede instead of tractor cassette
Cut Sheet Stacker:	
Printer Stand:	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)
Stacker Option:	for stacking up to 2,000 pages in combination with the printer stand

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