PROFESSIONAL HIGH SPEED PRINTER

PP 806

The Multifunctional High Speed Printer

The perfect printing solution for each application in trade, logistics, industrial

PP 806 with optional printer stand, 3 ASF-Cassettes and Cut Sheet Tray.

- Heavy duty 24-wire dot matrix printer with Intellidrive™ - Technology
- Flat bed technology using print bar
- Robust design for industry
- High print performance:
  700 cps (10 cpi)
  580 pages/hour
  40.000 pages/month
- Up to 6 excellent copies (1+6)
- Up to 6 paper inputs, up to 3 paper outputs
- Low cost per page through 30 Mio. character ribbon
- Printing width up to 165 columns (10 cpi)
- Easy user operation via macro functions
- 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.

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To know Who, What, When and Where

PSi Matrix

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PP 806

TECHNISCHE DATEN

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
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 < 200 W, Standby < 30 W
Environmental	operating +10 to +35 °C (+50 to + 95°F)
Temperature:	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, C-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) transportation
	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)

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
Graphics:	360 x 360 dpi max.
Macros:	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 HP2934/2235emulation
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.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
Cut Sheet Stacker:	for front-side stacking of up to 80 sheets, installation in the upper tractor guede instead of tractor cassette
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);

Specifications are subject to change without notice. All registered trademarks are the property of their respective companies.

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