

PP 806 The High Speed Multifunctional 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, alternatively accessible,
 - up to 3 paper outputs
- Lowest cost per page through 30 Mio character ribbon
- 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 printer offers a professional solution for heavy duty, flexible, cost-efficient printing. The rugged metal design, the paper run control, and the ribbon run control guarantee reliable unattended printing. With its proven connectivity concept the PP 806 is prepared for any network environment.

PROFESSIONAL HIGH SPEED PRINTER

TECHNICAL DATA

Printer Specification

Technology:	serial impact dot matrix
Printhead:	24 wires, 0.25 mm (0.01 inch) needle diameter
Print mode:	high speed draft (HSD), draft (DQ), near letter (NLQ), and letter quality (LQ)
Interface:	Slot for Personality Modules
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)
Weight:	approx. 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:	standby < 30 W, operating < 200 W
Environmental temperature:	operating: +10 to +35 °C (+50 to + 95°F) 20 to 80% rel. humidity storage: -40 to +70 °C (-40 to +158°F) 5 to 85% rel. humidity
Noise level:	< 53 dB(A) according to ISO 7779
Agency approvals:	VDE (GS, UL, CE, FCC-B)

Performance

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

Paper Handling

Paper paths:	flatbed design; 6 inputs, 3 outputs, selectable via software 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
Paper width:	4 to 17.7 inches (450 mm)
Paper weight:	60 to 120 g/m ² , formsets 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 inches), ASF 4 to 12.2 inches
Paper weight:	manual 60 to 170 g/m ² ASF refers to options

Personality Modules

PM SER/PAR (serial, parallel)	
Interfaces:	parallel Centronics and serial RS-232/RS-422 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 Europe char. optional
Fonts:	draft quality: Data and Data Large; near letter and letter quality: Courier, Sans Serif, OCR-A, OCR-B, Orator, Orator-C, Prestige, Roman, and Script
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 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial, 2 of 5 interleaved, and MSI Mod 10/10 360 x 360 dpi max.
Graphics:	
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel

Other optional Personality Modules

Ethernet:	PM Ethernet 10BaseT/100BaseTX and serial
Twinax IPDS:	PM IBM Twinax and parallel
IGP:	PM SER/PAR with Printronix IGP 10/20/40 emulation others upon request

Printer drivers for Windows 3.x/95/98/NT 4.0/2000 are available.

Options

ASF Cassettes	up to 3 automatic sheet feeders (ASF PP 405); paper size: DIN A4 portrait and landscape, A5, A6, B5, Letter, Legal
Cassette A	cut sheets 70 to 100 g/m ² , formsets up to 260 g/m ² ; capacity: 180 sheets (80 g/m ²)
Cassette B	paper 100 to 150 g/m ² , formsets up to 300 g/m ² ; envelopes 70 to 90 g/m ² ; capacity: 40 envelopes (70 g/m ²)
Cut Sheet Stacker	for front-side stacking of up to 80 sheets, installation in the upper tractor guide instead of tractor cassette
Printer stand	front handling of dual fanfold paper input dimensions: 635 x 660 x 840 mm (WxDxH) weight: approx. 20 kg (43,5 lb)
Stacker Option	for stacking of up to 2,000 pages in combination with the printer stand

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