

## PP 806

### The Multifunctional, High Speed, Impact Printer



*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 Industrial Applications
- High print performance:  
700 chars/sec (10 cpi)  
580 pages/hour  
40,000 pages/month
- Up to 7 excellent copies (1+6)
- Up to 6 paper inputs,  
Up to 3 paper outputs
- Low cost per page using  
30 million 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 and cost-efficient printing. This multi-purpose Printer can take advantage of up to 6 different paper inputs, for fanfold and cut sheet paper: 2 removable tractor cassettes for fanfold paper, 1 manual front insertion, for cut sheets and 3 optional sheet feeders, for flexibility in printing. Reliable connectivity for any network environment, utilizing the PSi connectivity concept, (PM - Personality Modules), insures the **PP 806** is the right solution for your Impact Printer needs!

IMPORTED by:

**MICROPLEX®**

PRODUCED by:

**PSi**

## 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 Life time approx. 400 million characters
<b>Print Mode:</b>	High Speed Draft (HSD), Data (DQ), Near Letter Quality (NLQ) and 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, Auto 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>	44 pounds (20 kg)
<b>Diagnostics:</b>	Self-test, hex-dump, remote diagnostics via interface
<b>Operator Panel:</b>	16 digit LCD display, tri-lingual (German, English, French)
<b>Keyboard:</b>	Membrane tactile type with Ready/Stop LED
<b>Rated Voltage:</b>	100 - 125 VAC, 200 - 240 VAC max. 3A / 1.5A, 50 - 60 Hz
<b>Power Input:</b>	Operating < 200 W, Standby < 30 W
<b>Environmental Conditions:</b>	Operating: +10°C to +35 °C (+50°F to +95°F) 20% to 80% relative humidity Storage: -40°C to +70 °C (-40°F to +158°F) 5% to 85% relative humidity
<b>Noise Level:</b>	53 dB(A) acceptable to ISO 7779
<b>Agency Approvals:</b>	VDE/GS, UL, C-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>Duty Cycle:</b>	40,000 pages per month
<b>MTBF:</b>	15,000 hours at 30% duty cycle

### Paper Handling

<b>Paper Path:</b>	Fan-fold paper. Paper path selectable via software or Operator Panel.
<b>Automatic Gap Control (AGC):</b>	<b>AGC</b> , automatically optimizes the print head gap based on media 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) transportation
<b>Fanfold Paper</b>	
<b>Paper Input:</b>	2 removable Tractor Cassettes
<b>Paper Output:</b>	Exits 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 Optional, Automatic Sheet Feeders
<b>Paper Output:</b>	User selectable at front or rear of Printer
<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)

<b>PERSONALITY MODULE (SER/PAR)</b>	
<b>Interfaces:</b>	IEEE 1284 and serial RS-232C/RS422, shared mode
<b>Emulations:</b>	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/ESC/P2, up to 64 KByte
<b>Buffer:</b>	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
<b>Character sets:</b>	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
<b>Fonts:</b>	Bold, italic, shadow, outline, double strike, underline, double underline, over line, strike through, sub/superscript, double to octuple, for Data Large 99-fold size
<b>Character attributes:</b>	10, 12, 15, 17.1, 18 and 20 cpi, proportional 2, 3, 4, 6, 8, ... 360 lpi
<b>Pitches (cpi):</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>Line spacing (lpi):</b>	360 x 360 dpi max.
<b>Barcode:</b>	Parameter settings, up to four individual Printer Configurations, selectable via software or Operator Panel
<b>Graphics:</b>	
<b>Macros:</b>	

### Additional, Optional PERSONALITY MODULES

<b>Ethernet:</b>	Ethernet 10BaseT / 100BaseTX RJ45
<b>IPDS:</b>	Ethernet
<b>IGP:</b>	SER/PAR with Printronix IGP 10/20/40 emulation
<b>HP:</b>	SER/PAR or Ethernet with HP2934/2235emulation
<b>GENICOM:</b>	SER/PAR or Ethernet with Genicom 3840 emulation
<b>MT50:</b>	SER/PAR or Ethernet with MT50 emulation
<b>String change:</b>	SER/PAR or Ethernet

(NOTE: Printer Drivers for Windows and SAP R/3 device types, are available for download at <http://www.bsiprinters.com>.)

### Options

<b>ASF Cassettes:</b>	Up to 3 automatic Sheet Feeders; paper size: DIN A4, A4 landscape, A5, A6, B5, Letter, Legal 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 A2:</b>	Media - 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 B2:</b>	Thick and non-flexible Sheets, Envelopes up to 300 g/m <sup>2</sup> . Documents with middle fold
<b>Cassette C:</b>	Front-side stacking of up to 80 sheets, installation in the upper Tractor guide instead of Tractor cassette
<b>Cut Sheet Stacker:</b>	
<b>Printer Stand:</b>	Media handling of dual, fanfold paper input; dimensions: 450 x 660 x 840 mm (W x D x H) (17.7 x 26.4 x 33.6 inch); Weight: approx. 35 pounds (16 kg)
<b>Stacker Option:</b>	Stacks up to 2,000 pages, in use with the Printer Stand

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