

## PP 809 High Performance, Fan-fold Dot Matrix Printer



PP 809 with optional Printer Stand

The **PP 809** combines the performance of a Line Printer with the flexibility of a Dot Matrix Printer. The rugged design and the Intellidrive™ -Technology guarantee reliable, unattended printing. Two accessible Tractor Cassettes, offer flexibility for print production and easy loading of common forms. The precise print registration allows accurate printing on pre-printed forms, with full speed output. With print speeds of up to 1000 cps, throughput of up to 800 pages/hour and a monthly workload of up to 40,000 pages, the **PP 809** is a cost-effective, alternative solution to Line Printers!

- Heavy duty, 24-wire, Dot Matrix Printer with Intellidrive™ - Technology
- Flatbed technology using print bar
- Robust design for Industrial Applications
- High Performance:  
1000 cps (10 cpi)  
800 pages/hour  
40,000 pages/month
- Up to 7 excellent copies (1+6)
- Precise print registration, for pre-printed Forms
- Dual paper input:  
2 Tractor Cassettes and Manual paper feed
- Low cost per page, using 30 million character ribbon
- Wide print format up to 165 columns
- Easy User operation via macro functions
- Personality Modules (interfaces) for major host and network environments

IMPORTED by:

**MICROPLEX®**

PRODUCED by:

**PSI**

## TECHNICAL DATA

### Printer Specification

<b>Technology:</b>	Serial impact, Dot Matrix
<b>Printhead:</b>	24 wires, 0.25 mm (0.01 inch) needle diameter; Life time 400 million characters
<b>Print mode:</b>	High Speed Draft (HSD), Data (DQ), Near Letter (NLQ) and Letter Quality (LQ)
<b>Print format:</b>	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>	28.9" x 11.0" x 11.3"(W x D x H) (734 x 280 x 295 mm)
<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 approx. 200 W, 40 W Standby
<b>Environmental Temperature:</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>	Approximately, 55 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)	<u>Mode</u>	<u>CPS</u>	<u>Mode</u>	<u>LPM</u>
	HSD:	1,000	DQ: 60 characters per line	500
	DQ:	750	DQ: 80 characters per line	420
	NLQ:	430		
	LQ:	216		
<b>Throughput:</b> (ECMA 132)	<u>Mode</u>	<u>Fan-fold (at 10 cpi)</u>		
	HSD:	800 pages/hour		
	DQ:	760 pages/hour		
	NLQ:	580 pages/hour		
	LQ:	370 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>	Flatbed design; 2 paper inputs, 1 output for Fan-fold paper, paper path selectable via software or Operator Panel
<b>Paper Input:</b>	2 removable Tractor Cassettes
<b>Paper Output:</b>	Exits at the rear of Printer, with zero-tear-off
<b>Paper Weight:</b>	60 to 100 g/m2 form sets up to 350 g/m2
<b>Paper Thickness:</b>	Printing: max. 0.7 mm (0.028 inch), Transportation: max. 2.0 mm (0.08 inch)
<b>Paper Width:</b>	4" to 17.7" (102 to 450 mm)
<b>Form Feed:</b>	20 inch/second;
<b>Automatic Gap Control (AGC):</b>	AGC, automatically optimizes print head gap, based on media thickness.
<b>Copies:</b>	1 original + 6 copies

### Connectivity

#### PERSONALITY MODULE (SER/PAR)

<b>Interfaces:</b>	IEEE 1284 Parallel 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>	<b>Character attributes:</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>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 max.
<b>Macros:</b>	Parameter settings for up to four individual printer configurations, selectable via software or Operator panel

#### Additional, Optional PERSONALITY MODULES

<b>Ethernet:</b>	Ethernet 10BaseT / 100BaseTX RJE45
<b>IPDS:</b>	Ethernet
<b>IGP:</b>	SER/PAR with Printronix IGP 10/20/40 emulation
<b>HP:</b>	SER/PAR or Ethernet with HP2934/2235 emulation
<b>GENICOM:</b>	SER/PAR or Ethernet with Genicom 3840 emulation SER/PAR
<b>MT50:</b>	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.psiprinters.com>)

### Options

<b>Printer Stand:</b>	Designed to handle dual fanfold paper input, Dimensions: 635 x 660 x 840 mm (WxDxH) (25.4 x 26.4 x 33.6 inch); Weight: approx. 44 pounds (20 kg)
<b>Tractor Cassettes:</b>	Additional Tractor Cassettes can be loaded with media to be ready for quick plug-in once required. Very Useful when several media types are used alternatively.
<b>Interface:</b>	Personality Modules

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