

PP 803 Professional Dot Matrix Printer (for) Industrial, Logistics and Administration



PP 803 with optional 2nd Tractor Cassette and Printer Stand

- Heavy duty, 24-wire, Dot Matrix Printer with Intellidrive™ - Technology
- Compact flat bed design with 94 columns and print bar
- Robust design for Industrial Applications
- High print performance: 600 cps (10 cpi) 500 pages/hour 40.000 pages/month
- Up to 9 excellent copies (1+8)
- Precise print positioning, perfect for form printout
- Up to 2 fanfold paper feeders and manual single sheets
- Low cost per page using the 15 million character Ribbon
- Printing width up to 94 columns (10 cpi)
- Easy User operation via macro functions
- Personality Modules (interfaces) for major host and network environments
- Optional paper cutter

The **PP 803** Printer offers a professional solution for heavy duty, flexible, cost-efficient printing. The rugged metal design and the Paper and Ribbon "Run Control", guarantee reliable unattended printing. The **PP 803** offers reliable connectivity for any network environment, by utilizing the PSi interface connectivity concept of Personality Modules (PM). The **PP 803** offers precise print registration, for use with pre-printed forms, such as shipping documents.

More **PP 803** features: The Intellidrive™ – Technology, guarantees superb print quality and placement, with crisp characters and high readability barcodes. The Automatic Gap Control (AGC) allows the Print Head to automatically set head to media gap. The long-life Print Head strikes the Print Bar to produce up to 9 copies. Flat Bed design, insures straight paper-path, for jam free media handling. Up to two Tractor Cassettes and the Auto-Tear-Off function. These design features, make the **PP 803** the right solution for your Impact Printer needs!

IMPORTED by: **MICROPLEX®**

PRODUCED by: **PSi**

TECHNICAL DATA

Printer Specification

Technology:	Serial impact, Dot matrix
Printhead:	24 wires, 0.25 mm needle diameter; Life time, 400 million characters (DQ)
Print mode:	High Speed Draft (HSD), Data (DQ), Near Letter (NLQ) and Letter quality (LQ)
Print format:	94 characters at 10 cpi
Ribbon:	Cartridge, nylon Ribbon, black, 15 million characters, auto Ribbon run control
Dimensions:	21.7" x 11.0" x 11.3" (W x D x H) (550 x 280 x 295 mm)
Weight:	34.6 pounds (15.7 kg)
Diagnostics:	Self-test, hex-dump, remote diagnostics via interface
Operator Panel:	16 digit LCD display, tri-lingual (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:	200 Watt - Operating, 30 Watt - Standby
Environmental Conditions:	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
Noise level:	53 dB(A) acceptable to ISO 7779
Agency approvals:	VDE/GS, UL, C-UL, CE, FCC-B

Performance

Print speed: (10 cpi)	HSD: 600 cps (characters/second) DQ: 500 cps NLQ: 300 cps LQ: 150 cps
Throughput:	DQ: 500 pages/hour
Duty cycle:	40,000 pages per month
MTBF:	15,000 hours at 30% duty cycle

Paper Handling

Paper path:	Flat bed design; 2 paper inputs, 1 output for Fan-fold paper, paper path selectable via software or Operator Panel
Paper input:	1 removable Tractor Cassette, additional slot for optional, 2nd Tractor Cassette
Paper output:	Exits at the rear of printer, with zero tear-off
Paper weight:	60 to 150 g/m ² form sets up to 480 g/m ²
Paper width:	105 to 270 mm (4 " to 10.625" inch)
Form feed:	20 inch/second
Automatic Gap Control (AGC):	AGC , automatically optimizes the print head gap based on media thickness.
Copies:	1 original + 8 copies; max. paper thickness 1.0 mm (0.04 inch), 2.0 mm (0.08 inch) transportation

Connectivity

	PERSONALITY MODULE (SER/PAR)
Interfaces:	IEEE 1284 Parallel and Serial RS-232C/RS422, shared
Emulations:	IBM Proprinter, XL24 (AGM), Epson LQ2550/1060/ESC/P2 up to 64 KByte
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 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
Fonts:	Bold, italic, shadow, outline, double strike, underline, double underline, over line, strike through, sub/ superscript, double to octuple, for Data Large 99-fold size
Character attributes:	Bold, italic, shadow, outline, double strike, underline, double underline, over line, strike through, sub/ superscript, double to octuple, for Data Large 99-fold size
Pitches (cpi):	10, 12, 15, 17.1, 18 and 20 cpi, proportional
Line spacing (lpi):	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 / Oper. Panel

Additional, 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
Strina change:	SER/PAR or Ethernet

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

Options

Printer Stand:	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)
Tractor Cassettes:	Enables auto loading of 2nd form. Extra Tractor Cassette may be dedicated to regularly used forms for quick loading.
Manual Feed unit:	To be used with single sheet or form set input.
Collector Trays:	Trays attach to printer and collect individual sheet output - Front or Rear.
Cutter:	Internal cutting device enables forms to be separated. Panel setting allows automatic cut between print jobs.

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