

PP 408

The Professional High Speed Fanfold Printer With Integrated Cutting Device



PP 408 with Printer Stand and Stacker Option

The Fanfold printer PP 408 offers a professional solution for economical, quick and reliable high-performance printing applications. Whether continuous paper, formsets or labels, this printer model smoothly covers every request in fanfold printing. Additionally the integrated cutting device applies the perfect separating of the printed fanfold batch. Due to the professional applications especially logistics and industrial environments admire this printer solution. As well as other PSi matrixprinters, the PP 408 also offers a modular connectivity concept into all major host systems and networks. The extreme long-life XXL ribbon cassettes in combination with the well proved matrix technology provide a very low Total-Cost-of-Ownership (TCO).

- Heavy duty
24-wire dot matrix printer
- Integrated cutting device:
 - Separating of print jobs
 - Cutting of fanfold paper and formsets into any size
- Performance:
 - 700 characters per second
 - 400 lines per minute
 - 750 pages per hour
 - 30,000 pages per month
- Plug & Print:
Plug-in tractor cassettes for easy paper loading
- Two fanfold papers alternatively accessible
- Output for fanfold paper and cutted sheets
- 1 + 5 excellent copies
- 14 fonts including block characters; 13 barcodes
- high-precision uni- and bidirectional printing
- Long life ribbon up to 30 million characters
- Connectivity to all major host systems and networks
- Optional Silent-Kit for additional noise reduction of ~75%

TECHNICAL DATA

Printer Specification	
Technology:	serial impact dot matrix
Printhead:	24 wires, 0.25 mm (0.01 inch) needle diameter; life time 400 million characters
Print mode:	Data (DQ), Near Letter (NLQ) and Letter Quality (LQ)
Print format:	136 characters at 10 cpi
Ribbon:	XXL nylon ribbon cassette, black (up to 30 million characters)
Dimensions:	740 x 455 x 327 mm (WxDxH), (29.6 x 18.2x 13 inches)
Weight:	approx. 33 kg (72 lb)
Diagnostics:	selftest, hexdump, remote diagnostics via interface
Operator Panel:	16 digit LCD display, trilingual (German, English, French)
Rated voltage:	200-240 V, 50-60 Hz (optionally 100-125 V, 50-60 Hz)
Power input:	200 W, 40 W standby
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:	55 dB(A) acc. to ISO 7779
Agency approvals:	VDE/GS, UL, C-UL, CE, FCC-B

Performance				
Print speed: (at 10 cpi)	mode	cps	mode	lpm
	DQ:	700	DQ: 60 characters per line	450
	NLQ:	350	DQ: 80 characters per line	370
	LQ:	175		
Throughput: (ECMA 132, letter, 1-ply)	mode	fanfold (at 10 cpi)		
	DQ:	750 pages per hour		
	NLQ:	520 pages per hour		
	LQ:	320 pages per hour		
Duty cycle:	typical 30,000 pages per month			
MTBF:	10,000 hours at 30% duty cycle			

Paper Handling	
Paper paths:	flatbed technology, 2 paper inputs and 2 paper outputs; selectable via software or operator panel
Paper input:	two independent, easy to plug-in tractor cassettes for fanfold paper; push tractors with park position
Paper output:	either to rear (zero tear off or cut, batch tray) or to the top (stacker for cut sheets)
Paper weight:	formsets up to 350 g/ m ² (14 oz/ m ²), 60 to 90 g/m ² (2.4 to 3.6 oz/ m ²) per sheet; single-layer up to 240 g/m ²
Paper width:	4 to 16 inch (100 to 400 mm)
Form feed speed:	20 inch/second; 25 ms per line feed
Cutting device:	integrated; rotating blade cuts bidirectionally, effective for ~ 1 million cuts; separates print jobs and cuts fanfold paper and continuous multi-part formsets into any size
Automatic Gap Control (AGC):	optimizes automatically the distance between printhead and paper according to paper thickness
Paper run control:	allows unattended printer operations
Copies:	1 original + 5 copies, max. paper thickness 0.5 mm (0.02 inch)

Connectivity	
PERSONALITY MODULE SER/PAR/USB	
Interfaces:	parallel IEEE 1284, serial RS-232 (DSUB 9), USB 2.0
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060, ESC/P2
Buffer:	selectable up to 176 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, 852, 857, 858, 860, 863, 865; Epson Ext. Char. Set in 15 national versions; Eastern European character sets 771, 773, 774, 775, 1125, 1251; Baltic RiM, Greek, CZ, HUN, Russia, Win Lat 2
Fonts:	Draft quality: Data and Data Large; Near letter and letter quality: Courier, OCR-A, OCR-B, Orator, Prestige, Roman, Script, Sans serif bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub/superscript, double to octuple, for Data Large 99-fold size
Character attributes:	
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 (horizontal or vertical)
Graphics:	360 x 360 dpi max. (uni-/ bidirectional)
Macros:	parameter settings for up to four individual printer configurations, selectable via software or operator panel
PERSONALITY MODULES	
Emulations	Interface
IBM/Epson:	Serial/Parallel/USB or Serial/Ethernet/USB
IPDS:	Ethernet
IBM-IGP 10/20/40:	Parallel or Ethernet
HP 2934/2235:	Serial/Parallel/USB or Serial/Ethernet/USB
Genicom:	Serial/Parallel/USB or Serial/Ethernet/USB
Stringchange:	Parallel or Ethernet
Printer drivers for Windows and SAP R/3 device types are available for download at http://www.psiprinters.com .	

Options	
Tractor Cassette:	Additional tractor cassettes for quick exchange of loaded media.
Printer Stand:	Dimensions: 635 x 660 x 840 mm (WxDxH), weight: ca. 25 kg (55 lb)
Stacker Option:	System to be integrated into the stand for orderly stacking of fanfold paper, capacity: ~ 2.000 pages
Sound Cover:	For an optimal sound insulation in application with the Printer Stand, dimensions: 910 x 575 x 420 mm (WxDxH), weight: approx. 33 kg
Sound Cabinet:	Replacement of Printer Stand and Sound Cover, dimensions: 900 x 715 x 1.150 mm (WxDxH), weight: approx. 80 kg
Silent-Kit:	For the reduction of the noise level of ~75%

This is only an extract of the product specification. For a detailed specification it is referred to the comprehensive product documentation. Specifications are subject to change without notice. All registered trademarks are the property of their respective companies.