HIGH SPEED FANFOLD PRINTER

PP 408

With Integrated Cutting Device

Maximum performance in continuous and form printing. The integrated cutting mechanism separates individual print sections.

PP 408 with Printer Stand and Stacker Option

- 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%reduzierung um
  ca. 75%

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).

PSi Matrix

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

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,DQ: 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 cycleg

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/ m² (14 oz/ m²), 60 to 90 g/m² (2.4 to 3.6 oz/ m²) per sheet; single-layer up to 240 g/m²
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 continous 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
Character attributes:	bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub/superscript, double to octuple, for 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, 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 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 noice level of ~75%
Schalldämmkit:	Zur Reduzierung des Geräuschpegels um 75%

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professional printing solutions

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