

IPAS425i

Optimize workflow by integration of high speed and high quality inkjet printing technology

The IPAS425i inkjet printing system based on the successful thermal inkjet technology from HP. This technology is well-known for its high print image quality, operator friendliness, reliability and cost effectiveness.

Excellent print quality at high speeds

Increase workflow optimizing with integration of high-speed inkjet printing systems. The self-servicing of the printheads optimize print quality and enable consistent reliable operation.

Effective imprinting

Combining printing the variable data with the static shell-print makes a very effective workflow. Depending application specification multiple systems can be combined in one solution. Each system has a print swath of 108 mm (4,25 inches).



Four IPAS425i systems on webbase.

High uptimes

The IPAS425i system is equipped with a comprehensive, automated servicing station. This service station ensures that the printhead is automatically capped, decapped and cleaned with minimum downtime and optimal print quality as result.

Easy to integrate

The IPAS425i system has a modular design enabling an easy integration in existing equipment like:

- Roll offset and flexo presses;
- Web finishing lines;
- Sheet finishing lines;
- Inserting machines;
- Roll-to-roll webbase;
- Mailtable.

Application examples

- Personalizing
- Addressing
- Direct mail
- Barcoding
- Numbering
- Lottery
- Tickets

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Specifications	IPAS425i
General description	printing system for variable data printing with easily replaceable printheads, including: <ul style="list-style-type: none">- Imaging Module (IM)- Fixed Imager Controller (FIC)- Ink Delivery System (IDS)
Print height	print height approx. 108 mm (4,25 inches)
Vertical resolution	600 dpi
Resolution in print direction	150, 300, 450, 600, 900 and 1.200 dpi
Drop size	18 pl
Drop velocity	approx. 12-15 m/s
Drop frequency	36 kHz
Print speed	resolution dependent 3,0 m/s at 300 dpi 2,0 m/s at 450 dpi 1,5 m/s an 600 dpi 1,0 m/s at 900 dpi 0,75 m/s at 1.200 dpi
Print distance	between 1 mm and 2 mm, depending on print speed
Ink types	color black, various ink types
Ink circuit	2 ink cartridges 775 ml, automatic switching
Printhead cleaning	automatic
Printhead sealing	automatic
Printhead measurements (HxWxD)	230 mm x 410 mm x 460 mm
Weight of printhead + conduit	Approx. 9,5 kg including mounting plate
Ink Circuit measurements (HxWxD)	210 mm x 180 mm x 469 mm
Dimensions on FIC (HxDxW)	490 mm x 180 mm x 590 mm
Power requirements	230 VAC/50 Hz

This datasheet maybe subject to change



Printhead



Ink cartridge 775ml



Printhead Cleaner

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