

W+D Halm *i*-Jet 2

Four+ Color High-Speed
Inkjet Envelope Press



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The Four+ Color High-Speed Inkjet Envelope Press

The **W+D Halm i-Jet 2** enables high-quality digital printing in a resolution of 1600 x 1375 dpi for the printing of envelopes and pockets. The high print quality and the possibility of quick and easy format changes make it the ideal machine for small and medium runs ranging from a few 100 to well over 50,000 envelopes, as well as for printing variable data.

Besides the high-resolution print head, the patent-pending, servo-driven transport system, which takes the envelopes from the alignment station onto a vacuum belt, ensures the highest print quality. This ensures that the envelopes are precisely positioned and transported to the print head. The result is precise, sharp-edged printing, even with the smallest 4-color-resolved fonts, right up to the very edge of the envelope.



Advantages of inkjet overprint for short to medium runs

- / 32,000 DIN long envelopes/hour
- / Thousand fold proven Halm Dual Feeder (envelope feeder) for quick and easy format changeover
- / High image resolution of up to 1600 x 1375 dpi even at maximum printing speed
- / Inkjet printing does not show any color differences in the printed image, such as the paper edges of the end or side flaps visible in offset printing.
- / Printing of embossed papers without loss of quality
- / Significantly shorter changeover times compared to the changeover times on offset presses
- / Easy printing of window envelopes with standard films (no expensive laser-resistant film required!)
- / Reduced job costs compared to offset for motifs with moderate ink consumption (company logos, product advertising, etc.) for print runs of well over 50,000 pieces
- / Four separate standard CMYK Memjet inkjet print heads
- / A 5th special color is optionally available
- / Minimal waste, even with 4-color halftone printing
- / Paper thicknesses from 0.1 mm to 0.8 mm can be processed
- / Intelligent order tracking. Own order descriptions and order data can be used throughout. Storing, archiving and recalling of the stored settings guarantees the highest repeat accuracy even with regard to color fidelity reproductions.



RIP, data transfer and print head control

Extremely powerful RIP

In combination with the installed computing power and a separate RIP PC, Navigator offers one of the fastest professional RIPs available for Memjet devices based on the Harlequin Rip. This means that the maximum print speed can also be called up for complex, high-resolution variable print jobs.

Ink supply

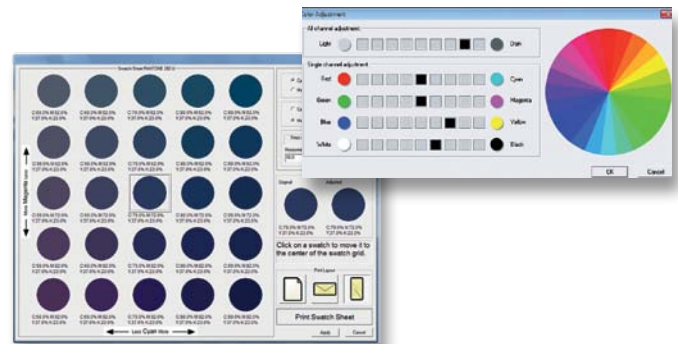
The ink is supplied by four 10-liter paint containers (CMYK). These are housed in a pull-out under the product transport and allow the ink containers to be changed without interruption during printing. A small ink reservoir supplies the print heads during the change process.



Ink supply

Simple and precise color management

The integrated color management software allows the selection of different ICC profiles and provides access to Pantone color libraries. In addition, the software offers further support for the display and color matching of a special color. Color tables facilitate color matching, provide a preview of the expected color result and thus considerably shorten the setting process.



Technical specification

Type		W+D Halm i-Jet 2	
Maximum output	products/h	up to 32,000	
Paper weight		60 – 200 g/m ² (16 – 53 lb.)	
Paper thickness		0.1 – 0.8 mm (0.004 – 0.032")	
Size range:		min. 90 mm (3 17/32") x 90 mm (3 17/32") – max. 254 mm (10") x 330 mm (13")	
Print width		max. 220 mm (8 21/32")	
Atmospheric pressure		70 kPa – 106 kPa	
Temperature range		15° C – 35° C (59° F – 95° F)	
Relative humidity range		20 % – 80 % RH	
Dimensions and weight	Length x Width x Height	6,250 mm x 1,960 mm x 1,940 mm (20,5 ft x 6,4 ft x 6,3 ft)	
	Net weight	1,500 kg (3,225 lb)	
Vacuum requirement	0,6 bar	30 m ³ /h (18 cfm)	
Connected load	Base machine 230 V	22 kVA	
	Print System	1.6 kVA	
Noise emission	(EN 13032)	85 dB (A)	

All performance data published refers to the production of a defined reference product under certain circumstances reflecting a possible practice of use. The performances achieved in practice depend on a multitude of parameters which are beyond our control. This includes, amongst other factors, the condition of the raw materials to be processed, the shapes of the products, the air humidity and the ambient temperature. W+D reserves the right to make design changes and changes to the performance values.



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