



Kern AG and DJM inkjet solutions work together with full White Paper Factory processing for direct mail service providers.

In order to carry out customer communication as effectively as possible, many direct mail service providers have applied White Paper Factory principles to their production.

Following this principle, blank paper is normally used. Currently the majority of letters and leaflets are already digitally printed in full colour, however, for inserting, pre-printed envelopes are still used. Until now.

With the Kern Print@Exit module and DJMs fully integrated C500 full colour print module, customers can implement full White Paper Factory processing and benefit from many advantages.

Shorter time to market

Directly after the mailing has been designed, production can be started to ensure the mailpiece reaches the end customers' doorstep without delay.

Improved conversation rates

The envelope is the first mailpiece component that attracts the recipient. Adding personal messaging on the envelope improves the impact of the mailing and contributes to higher response and conversion rates.

Stock reduction

By printing logos, address information and messages on the envelope, there is no further need to hold customer's envelopes in stock, only blank envelopes.

Uptime maximised

Different jobs can be batched together and produced in succession without stopping the system. This improves the system uptime and throughput.

Optimized envelope logistics

Lower inventory costs can be achieved by reducing the variety of envelopes to blanks, resulting in a reduction of stock holding. Handling and administration in relation to inventory booking and de-stocking is reduced. In addition, the risk and cost of obsolete stock is reduced to zero.

DJM C500 benefits

- Automated servicing
- Promotes uptime
- High print image quality
- Reliable technique

Features DJM C500

- Technology:
Thermal DOD (HP TIJ.4)
- Full colour ink (CMYK)
- Water based ink type
- Printhead servicing:
automated servicing (capping, wiping and cleaning)
- Print swath (per head):
4.25 inch (108 mm)
- Resolution: 600 × 300 dpi
- Nozzles: 10.560
- Pen to paper spacing:
1.2 – 2.0 mm
- Drop size, process colour:
6 pl, black: 9 pl
- Ink supply (per colour):
external, double cartridges per colour
- Consumables:
ink, printhead and cleaner



DJM C500 integrated in Kern 3600 with Print@Exit

Additional to the Kern Print@Exit System



1 Maximum productivity with the DJM Kameleon Data Station

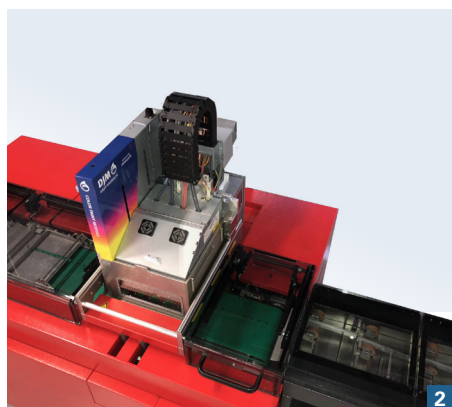
The operator doesn't need specific inkjet knowledge to operate the system. The ink supply system is equipped with a double cartridge system so cartridges can be changed while running and will not lead to machine downtime.

2 Kern Print@Exit with DJM C500

For printing envelopes Kern implements the DJM C500 in the Print@Exit conveyor. The DJM C500 print module is controlled by the DJM Kameleon software, and is fully integrated into the Kern mailFactory® software.

3 High print image quality

Personal messaging for a maximum results. The DJM C500 print module has a high resolution that combined with the small drop sizes results in a high print image quality.



4 Ease of Use

The DJM C500 print module is easy to use. Replacing ink cartridges, cleaners and printhead can be done by the operator without any tools. The DJM C500 is equipped with a comprehensive servicing station for printhead capping, cleaning and wiping, ensuring maximum easiness for the operator and uptime.

5 DJM inkjet solutions

Kern and DJM are partners for this printing solution. Together they provide years of experience in paper handling and inkjet printing. www.djm.nl



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