

MetalDecojet

The world's first industrial inkjet system developed specifically for use in the metal packaging industry

METALDECOJET

Gear yourself up for the future of metal decorating

- Fastest ever job changeovers
- Printing without plates and ink changes
- Proofing and production on the same press
- Production start only minutes after receiving the print data
- Short-run printing without minimum quantities

With the MetalDecojet, such wishes become reality at last!

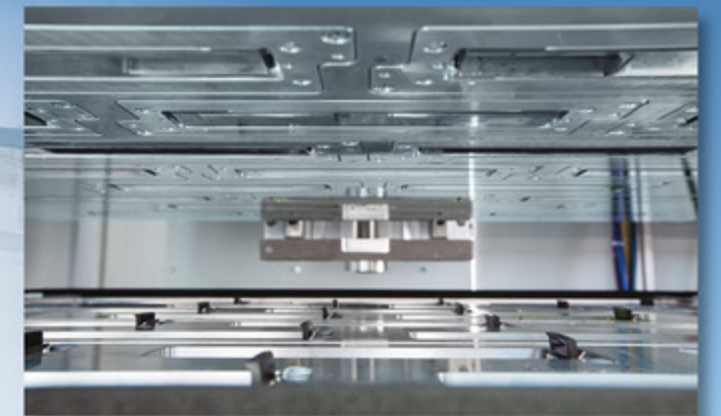


The MetalDecojet combines cutting-edge inkjet technology with the acknowledged and longstanding expertise of KBA-MetalPrint in the field of metal decorating, enabling cost-effective short-run production with high print quality and excellent processing properties.

Boost the efficiency of your production and conquer new markets with the MetalDecojet.

Highlights

- CMYK multi-pass printing unit
- Developed for the metal packaging industry
- Food compliance (Nestle Guidance Note)
- Absolutely flat, high-gloss ink layer
- Trouble-free processing and sterilisation
- Safe, non-toxic water-based inks and cleaning agents



Printing unit and automatic cleaning station

Clear the way for new business models

With print quality comparable to that of an offset process, the MetalDecojet lifts the constraints of conventional metal decorating and opens the door to new opportunities:

- Shortest possible reaction times (time-to-market), enabling fast response to customer needs and marketing ideas
- No more minimum run lengths, reduced storage of printed materials for repeat orders and genuine on-demand printing
- No discussions on UV ink migration
- Web-to-print

In contrast to UV inkjet solutions, the absolutely flat surface permits trouble-free further processing/production for all forms of cans and caps.

Concentrate solely on the wishes of your customers – and the best possible print results!

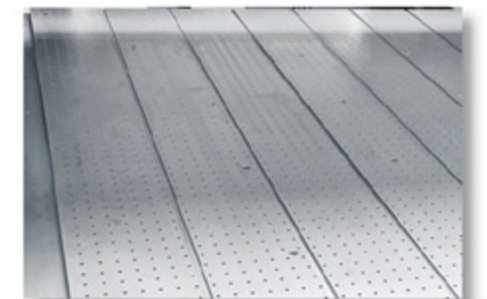


Features

- Full-format 1 000 x 1 200 mm vacuum table
- Fully automatic cleaning station
- Special pre-treatment for standard white coatings and size coats
- Robust, automatic sheet handling
- Touchscreen operation

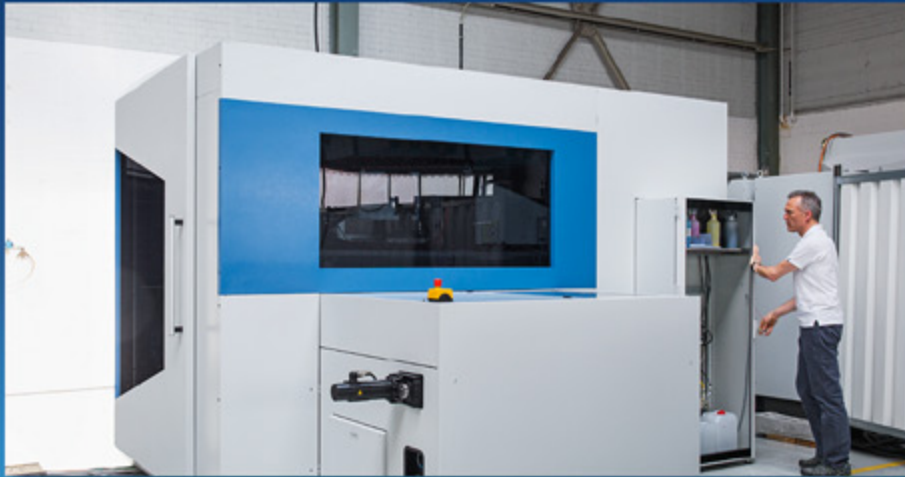
Applications

- Short-run production
- Customer specimens and proofs
- Event marketing
- Dual branding, regional differentiation
- Web-to-print business
- Batch personalisation
- Traceability through marking and coding



Full-format vacuum table

Open up new markets and business models with the MetalDecojet – and surprise your customers!



High flexibility

Individual configurations are possible to accommodate special needs.

Scalability

The printing press which grows with your requirements. Additional printing heads can be installed to expand capacity in line with demand.

Fit for the future

Upgrades to future printing head generations are possible.

| Specifications | | |
|--------------------------|--|-------------------|
| Maximum sheet size | 1 000 x 1 200 mm | 39.37" x 47.24" |
| Minimum sheet size | 510 x 710 mm | 20.08" x 27.95" |
| Sheet thickness standard | 0.13 – 0.50 mm | 0.0051" – 0.0197" |
| Colours | CMYK | |
| Ink system | Water-based inks | |
| Printing mode | Multi-pass | |
| Resolution | 600 dpi native | |
| Maximum printing speed | up to 170 sheets/h (approx. 200 m ² /h) | |
| Final cure | Thermal | |

The MetalDecojet is a perfect complement to your offset presses. The ability to handle short runs raises your overall productivity and efficiency, and at the same time permits you to pursue new, lucrative business opportunities.

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