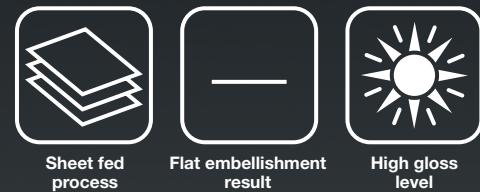




Digital Embellishment System for High Speed Digital Metallization

DM-MAXLINER 2D

DM-MAXLINER 2D



High-quality digital metallization. For a wide variety of substrates.

High speed digital embellishment system

Industry-leading production speed, maximum efficiency and high quality for optimum embellishing results: DM-MAXLINER 2D is the first choice to impress for success at the POS. Fast job throughput times, high production speeds, no tooling costs, and short set-up times are all good reasons to opt for the DM-MAXLINER 2D. High flexibility and efficiency reduce production costs and ensure optimum process flows.

Discover optimized embellishment results: Highly efficient, robust and durable.



Inkjet on transfer layer technology

Thanks to patented inkjet on transfer layer technology, the DM-MAXLINER 2D stands for consistently high embellishment results on a uniquely wide range of substrates, even uncoated paper. Printing adhesive on the reverse of the transfer material creates consistently optimal conditions for the embellishment process. Get brilliant large surfaces and filigree structures on almost every substrate.



Create your unique selling proposition

Create your USP and open up new markets with the DM-MAXLINER 2D: Discover how you can elevate your print operation with the unique capability to metallize a diverse range of substrates at best-in-class production speeds and productivity.

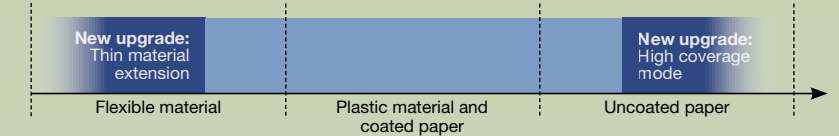
Looking for maximum variability and changing versions on the fly? individualize or personalize each sheet quickly, easily and completely according to customer demands. Whether packaging, commercial printing or web-to-print: Impress your customers at the POS with glossy spot or brilliant, flat metallization on a unique variety of different substrates.

Subject matter expertise

DM-MAXLINER 2D: The digital embellishment solution for sheet-fed metallization combines decades of machine manufacturing experience at Steinemann DPE, a KURZ company, with the global technology leadership in transfer products that you've come to rely on from KURZ. High-quality, process-optimized, efficient, versatile, robust and durable, the DM-MAXLINER 2D stands for individual embellishment results for highest production demands. Benefit from our complete machine solution: Machine, software, consumables and services – sytem-matched to each other, all from one single source.



Experience innovation with the patented inkjet on transfer layer technology



Wide variety of substrates

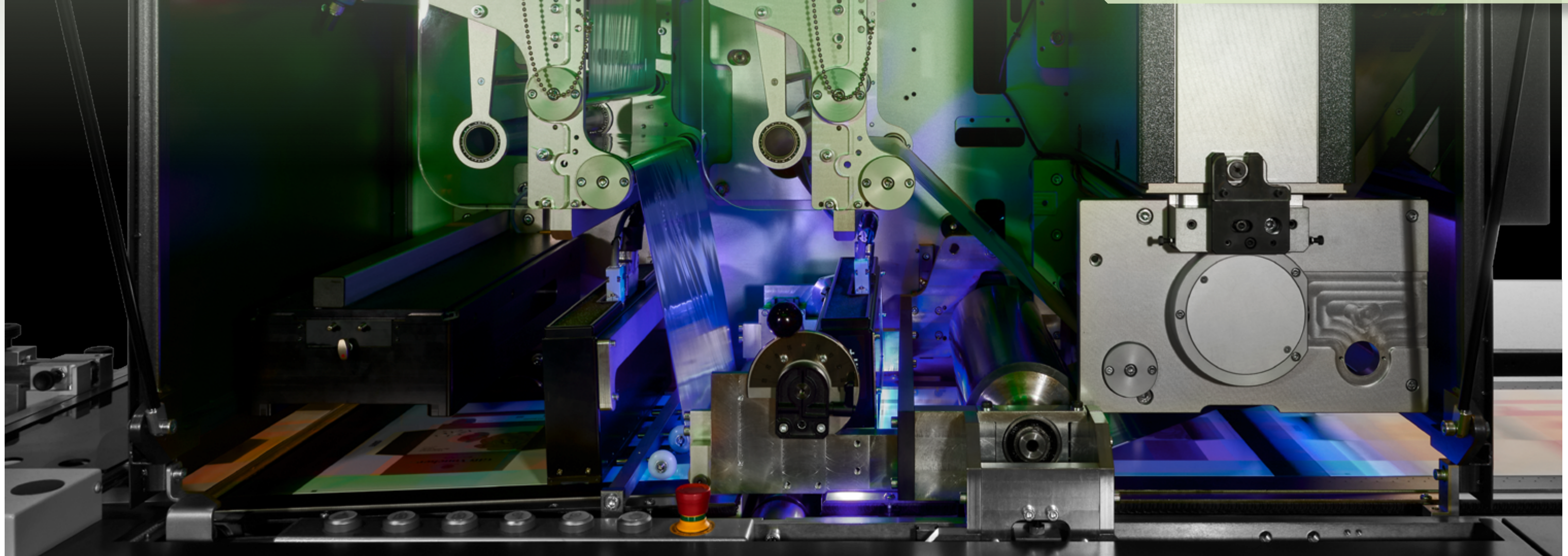
The inkjet on transfer layer technology enables the embellishment of a wide range of substrates. From unsupported films to uncoated papers, a wide range of applications can be produced. The result: Brilliant, high-quality embellishment with almost no substrate limitations.

Repeatable print process

Thanks to patented KURZ inkjet on transfer layer technology, the desired image is printed on the reverse of the transfer material.

The power of variable data

Thanks to variable data, each sheet can be embellished individually and entirely according to customer requirements, for example for versioning or 1-1 marketing so that you can feel at ease with your output quality. It enables users to meet the challenging demands for increased capacity and high quality production. The repeatable print process means operators build expertise faster and the system requires less operator interaction. Operators with limited experience can be successful and productive in a short period of time. This makes recruiting and training simpler in a tight job market.



DM-MAXLINER 2D - Details

Designed for highly digitally centric operation

Automatic job recognition:

Change from job to job without stopping the machine.
Simple data matrix code reading automatic job recognition.

Instant order change:

Complete job change over at normal operating speeds.
Produce multiple jobs with zero makeready or set-up.
Non-stop operation from job to job.

Run more jobs on every shift:

Improve your company's financial performance by lowering operator intervention, reducing material handling and driving down inventory levels.

High efficiency performance for sheet-fed embellishing

Experience high efficiency digital embellishment for demanding customer requirements – high-quality, fast, productive. Fast job throughput times, no tool costs, short set-up times and a high embellishment speed enable maximum production speed and optimum efficiency. This allows you to work efficiently and be cost-optimized to realize your economic goals.

DM-MAXLINER 2D - Details

Robust and durable. Designed for industrial production.

Robust and reliable

With over 50 years of experience in designing and building machines for the printing and packaging industry, Steinemann DPE has earned a reputation for delivering equipment that provides years of reliable service.

Efficient design, rugged durability

Built with the rugged durability and quality that users all over the world have come to expect from Steinemann DPE, the DM-MAXLINER 2D is designed to decrease wear and tear on major press components and results in more up time and extended machine life.

The DM-MAXLINER 2D is designed from the ground up for durability, efficiency and productivity that provides reliable service and low maintenance. Practical design enables maximum operator efficiency. The machine's compact footprint can even be used in small spaces.

STEINEMANN DPE
a KURZ company

Easy to use

Intuitive interface for simple operation

The DM-MAXLINER 2D can be operated and controlled simply and conveniently via a high-quality touch HMI-display. Thanks to intuitive, simple operation, machine operators can be successful and productive in a short period of time.

Highest process stability

The production system monitors all machine parameters to ensure high process stability and achieves the best possible efficiency.

Easy to program

Substrate classes can be conveniently stored to apply the same parameters repeatedly and ensure a consistently high quality level. Fast and accurate set-up boosts operator efficiency. For jobs, settings and substrates.

DM-MAXLINER 2D - Details

DIGITAL METAL®
Pay-per-Stamp
Model

Integrated billing system

Benefit from the advantages of a market-tested complete solution with system-matched components. The integrated billing system and the convenient once-per-month invoicing model increases free cashflow and simplifies estimating and billing activities. The DM-MAXLINER 2D's web-based software provides an overview of your consumption and streamlined inventory control promotes efficiency in operations and procurement.

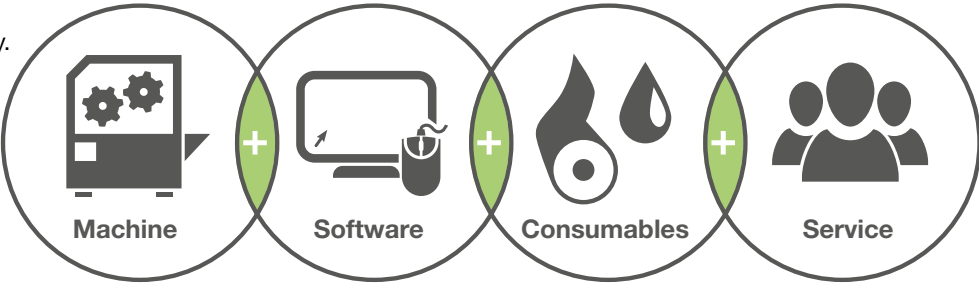
DM-MAXLINER 2D - Specifications

General information	
Length/width/height:	4.8 x 2.1 x 1.9 m
Working height:	950 mm
Weight:	2,630 kg
Connection values	
Electrical requirements:	Application unit: 3 x 400 V AC, 50 Hz, L1/L2/L3/N/PE, 16 A pre-fuse Substrate handling system: 3 x 400 V AC, 50 Hz, L1/L2/L3/N/PE, 32 A pre-fuse
Compressed air:	Max. 6.5 bar (oil-free)
Performance	
Sheet performance B3 (sheet distance 100 mm)	Max. 3,500 S/h
Sheet performance SRA3 (sheet distance 100 mm)	Max. 3,800 S/h
Application	
Print width:	Max. 324 mm
Number of print heads	3 pcs.
Resolution native	600 dpi
Varnish lay down:	1.7 – 12.6 g/m²
Varnish type:	LED UV inkjet adhesive
Register accuracy:	± 0.40 mm
UV dryer performance:	2 x 20 W/cm³
UV pinning performance:	8 W/cm³
Substrate	
Sheet size (width x length):	Min. 250 x 400 mm Max. 353 x 500 mm
Sheet weight:	225 – 450 g/m²
Sheet thickness:	0.2 – 0.45 mm
Materials:	Coated and partially uncoated paper, light cardboard, plastic films (PET, PP, PE)

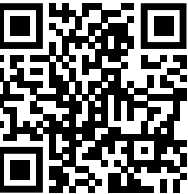
All technical data are approximate

KURZ - Your one stop solution partner

With our complete solution, we achieve flexible metallization with high efficiency. From the machine to the transfer metallization, we offer you all components from one single source – perfectly matched to each other. See for yourself – with our printed samples and portfolio of available shades.



Further digital embellishment solutions



Here you will find further digital embellishment solutions. No matter whether web-fed or sheet-fed requirements, flat or raised embellishments, we have the right solution for you. Convince yourself!



We look forward to
hearing from you!

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