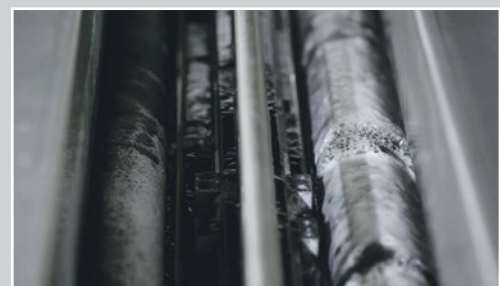
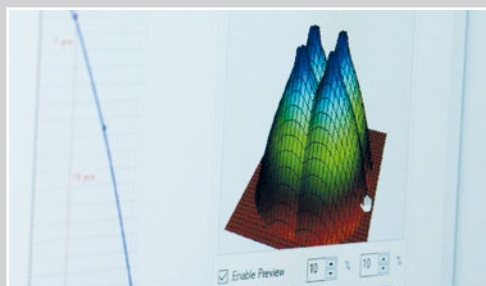
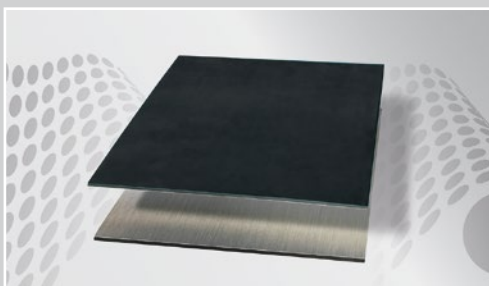


# Direct Flexo – plate on demand

THE ALL-IN-ONE SOLUTION FROM A SINGLE SOURCE



# Plate on demand

## Flexographic printing forms on demand

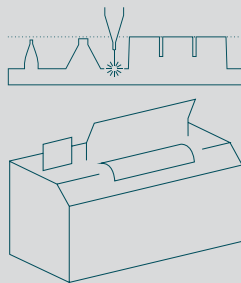
### Three companies – an all-in-one solution

Heliograph Holding is a group of dedicated manufacturers providing solutions from a single source. This collaboration offers a previously unknown level of integration in printing form production. The three companies Kaspar Graphic Solutions, Hell Gravure Systems and Glunz & Jensen have created “Plate on demand”, an all-in-one solution for flexographic printing that helps to streamline printing form production more than ever before.

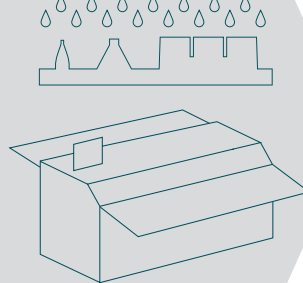
Less than one hour



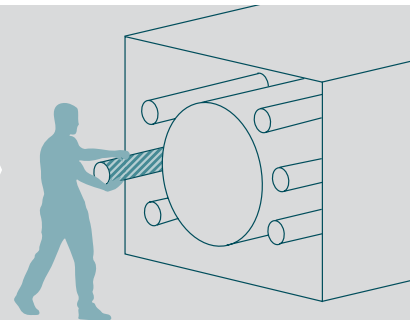
Material



Imaging



Washing



Printing

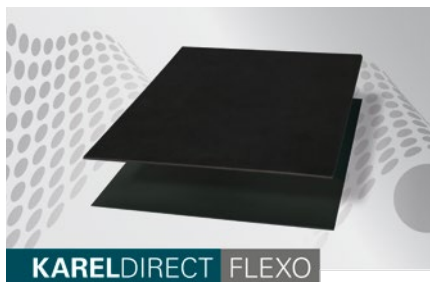
“Plate on demand” achieves simple, rapid, space-saving and standardized printing form production.

### Kaspar Graphic Solutions

Kaspar Graphic Solutions was founded in Chicago in 1977 and now has bases in Inman, South Carolina and Greeneville, Tennessee. Kaspar Graphic Solutions produces elastomer and rubber plates and offers services for imaging, distillation and processing machines, as well as training and replacement parts for these. The KAREL product lines complement the comprehensive product and service portfolio. These are manufactured in Greeneville, Tennessee and distributed by the Heliograph International network of subsidiaries and dealers.



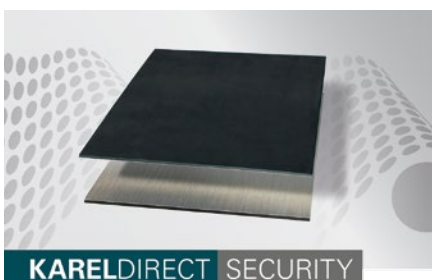
KARELDIRECT DRY



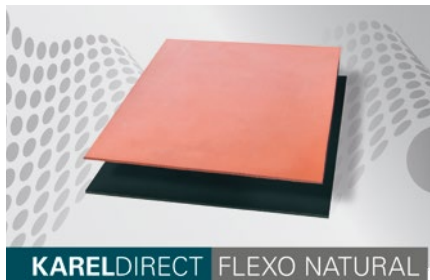
KARELDIRECT FLEXO



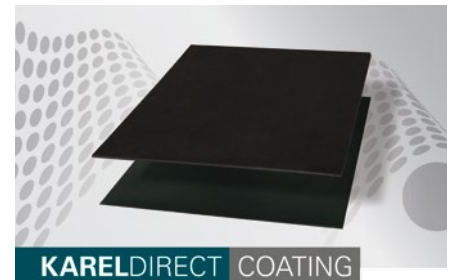
KARELDIRECT CORRUGATED



KARELDIRECT SECURITY



KARELDIRECT FLEXO NATURAL

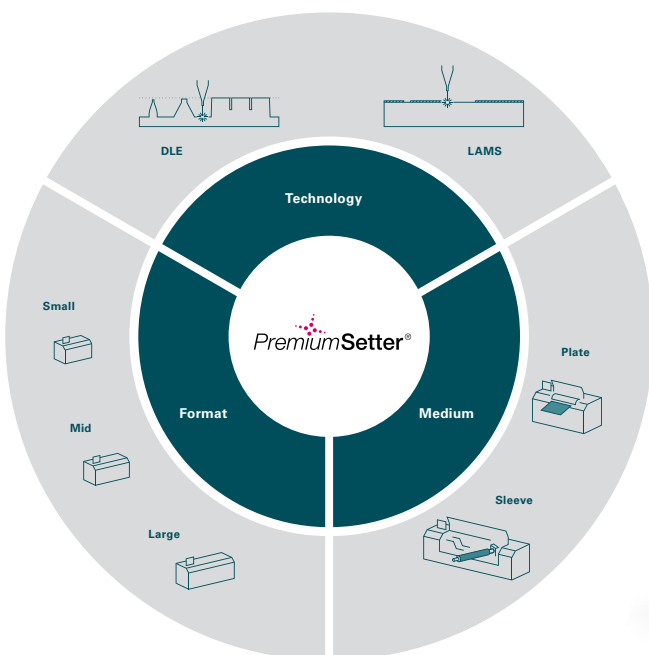


KARELDIRECT COATING

The KARELDIRECT product line includes elastomer plates for every area of application.

## Hell Gravure Systems

Founded in 1929 by the famous inventor Rudolf Hell and based in Kiel, Germany, this company has always pursued a strong philosophy of innovation. HELL has expanded its expertise in the field of electromechanical engraving to include the direct laser process for gravure, embossing, as well as direct laser and laser ablation mask systems for flexographic printing, dry offset printing and all other forms of relief printing. One example of this is the PremiumSetter technology for elastomer forms that offers a high-quality alternative to photopolymer forms.



PremiumSetters can be configured in many different ways, for example as a D1700 hybrid machine for imaging plates and sleeves, for elastomer printing forms.



## Glunz & Jensen

Based in Ringsted, Denmark, Glunz & Jensen develops and produces solutions for the flexographic printing and offset industry. FlexiClean from Glunz & Jensen offers a convenient and effective option for cleaning flexographic printing clichés. FlexiClean automatically adjusts the roller pressure to the various cliché thicknesses. With special wash-out solutions for various ink types, FlexiClean gently removes solvent-based, water-based and UV inks.



FlexiClean cleans the elastomer printing plate.

## Heliograph Holding

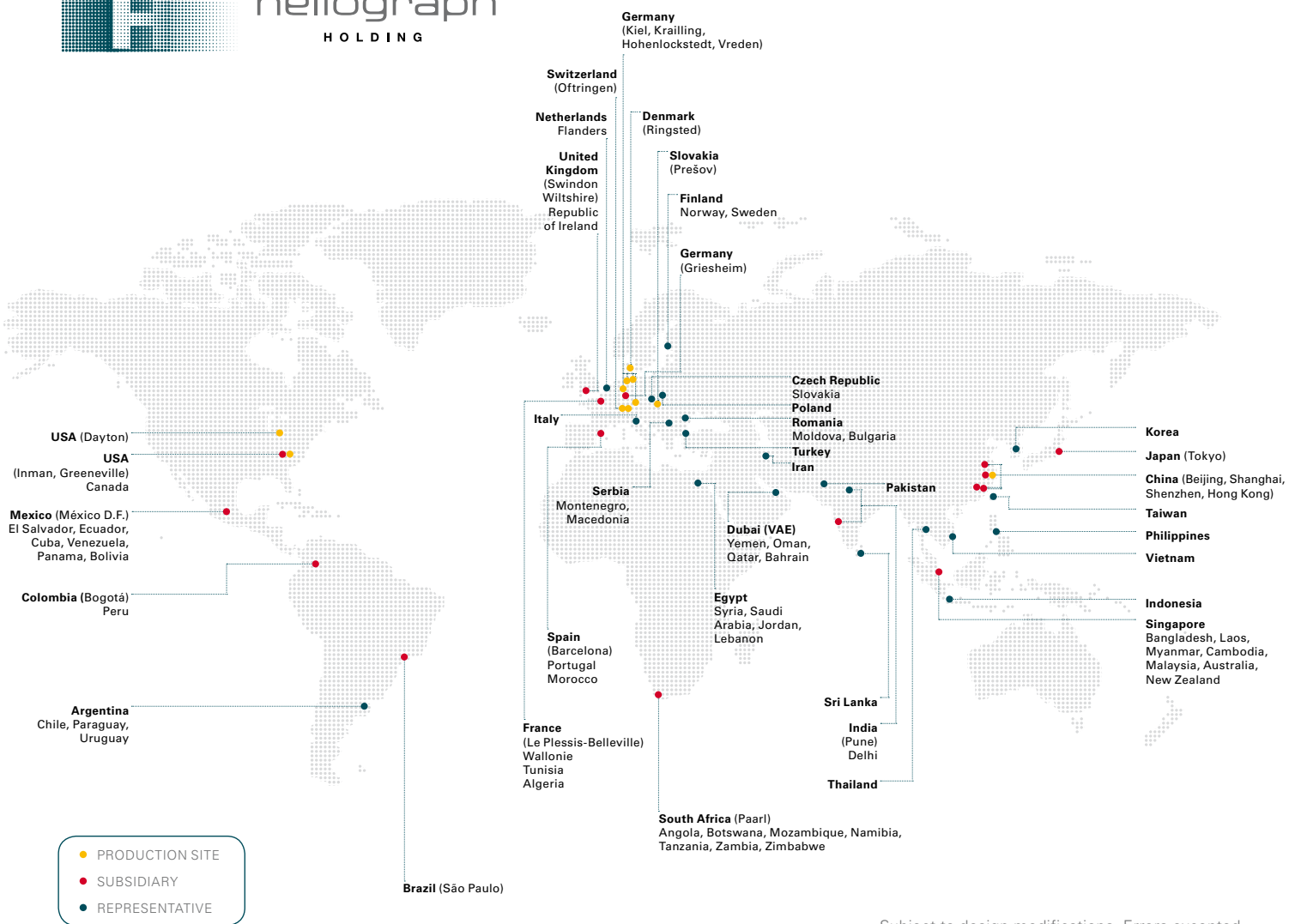
Heliograph Holding is a decentralized, family-led group of dedicated manufacturers and solution providers whose combined expertise in printing form engineering covers all relevant printing methods. Its know-how covers market requirements associated with printing containers, cans, cups, corrugated board, labels, folding cartons, coatings, non-wovens, tissues and tubes, as well as finishing and security applications.

## Impressive customer proximity all around the world

Heliograph solutions come from a single source. The companies involved organize and take responsibility for implementing the entire project all the way through to handover. This comprehensive service includes integrating the new systems into existing systems and processes, as well as providing qualified trainers to train customer employees. After commissioning, Heliograph delivers consumables, chemical analysis services and spare parts on an ongoing basis, and also takes care of repairs and maintenance. All this is only possible because we have a presence wherever our customers are based – in all the key printing centers of the world.



**heliograph**  
HOLDING



Subject to design modifications. Errors excepted.

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### HELL Gravure Systems GmbH & Co. KG

Philipp-Reis-Weg 5  
24148 Kiel, Germany

Tel. +49 431 2377 0  
Fax +49 431 2377 1235

[info@hell-gravure-systems.com](mailto:info@hell-gravure-systems.com)  
[www.hell-gravure-systems.com](http://www.hell-gravure-systems.com)

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