



CONTENT OF ISSUE 08 – 2020

HELL

Technical article: Flexographic printing forms when you need them

Faster to the press with "Plate on Demand".

Certified engraving available for HelioKlischograph K500 G4!

New software release paves the way for automated quality assurance.

"Gravure Global" makes its appearance

Heliograph media partner launches trade journal in English.



TECHNICAL ARTICLE: FLEXOGRAPHIC PRINTING FORMS WHEN YOU NEED THEM

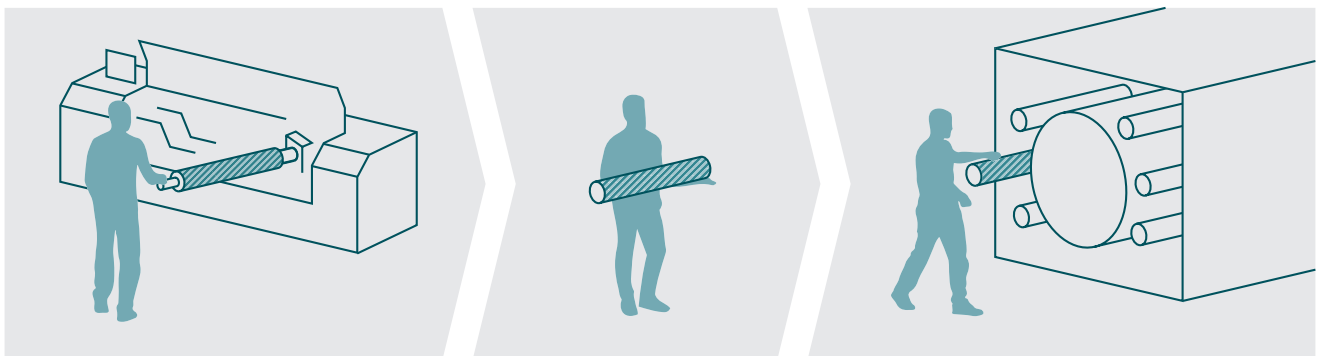
Faster to the press with „Plate on Demand“.

The high level of standardization and minimal complexity of the plate manufacturing process in offset printing mean that most offset printers now produce their printing forms themselves. But how does flexographic printing compare with this?

In flexographic printing, printing forms are generally manufactured by service providers and delivered to printers. One of the reasons for this is that the production process for a photopolymer printing form involves a lot of stages and requires a lot of equipment. With laser engraving of the flexographic printing form, things are completely different. In this case, the ready-for-press block is imaged with just one device in a single step.

“Plate on Demand” is now moving the imaging of flexographic printing forms into the print shop. One big advantage of this for everyone involved in the process is the fast availability of the printing form on the press. Once the print motif has been approved, the printer creates the required printing forms and is at the printing stage within an extremely short time.

Find out more about the benefits of this workflow in the technical article entitled [“Plate on Demand – flexographic printing forms when you need them”](#).



With “Plate on Demand”, printing forms are created by the printers themselves and are at the printing stage within an extremely short time.



CERTIFIED ENGRAVING AVAILABLE FOR HELIOKLISCHOGRAPH K500 G4!

New software release paves the way for automated quality assurance.

The aim of certified engraving is to minimize the number of print proofs required by boosting process reliability in gravure form manufacture. The first configuration level is now available for the K500 G4.

The need to reduce the number of print proofs is currently a hot topic in gravure form manufacture. The aim of certified engraving is to minimize the number of print proofs required by boosting process reliability. The new GeometryScan and MultiCheck functions in Version 8 of the K500 G4 machine software now pave the way for certified engraving, enabling a number of critical cylinder and engraving production parameters to be measured and recorded automatically in the actual engraving machine.

In conjunction with a new distance sensor in the K500 G4, GeometryScan checks the engraving

cylinder's geometry in terms of concentricity, conicity and bone effect. With the help of the integrated camera in the K500 G4, MultiCheck measures the cylinder engraving at pre-defined points and visualizes larger engraved areas using a stitching function. This identifies the slipping of cylinders during engraving, and any height difference between the engraving styli in Twain mode is detected and compensated. The measured values and camera images of GeometryScan and MultiCheck are documented in the new engraving certificate, which also provides other information that is relevant for production.

This first configuration level of certified engraving with GeometryScan and MultiCheck is now available as standard for the K500 G4. An upgrade kit is also available for existing systems of this type.



The first configuration level of certified engraving is now available for the K500 G4.



„GRAVURE GLOBAL“ MAKES ITS APPEARANCE

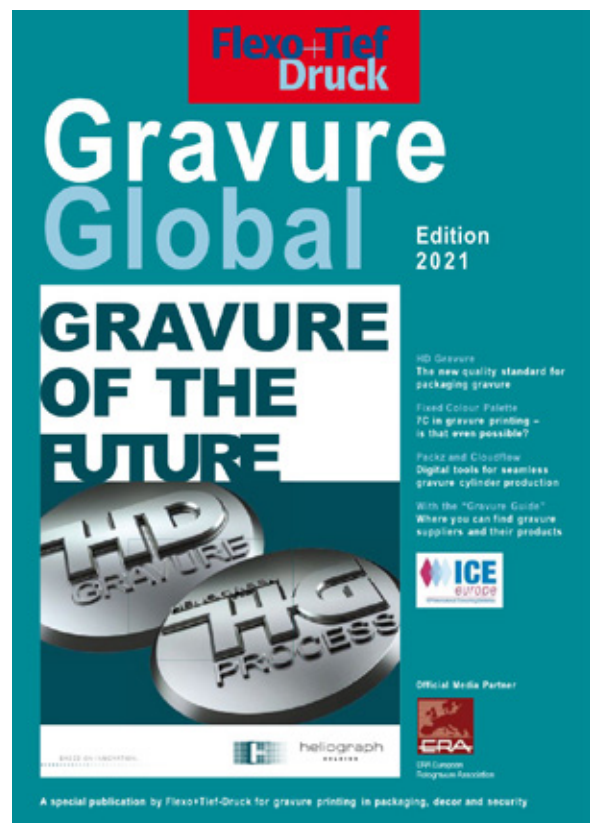
Heliograph media partner launches trade journal in English.

“Gravure Global” project plugs the gap for a magazine in English dedicated to gravure printing.

The “Gravure Global” project of the Ebner Media Group, which publishes the German trade journal “Flexo+Tief-Druck”, is plugging a noticeable gap that was left when the international journal “Flexo & Gravure” stopped being published.

An 82-page special publication of “Flexo+Tief-Druck” recently appeared under the title “Gravure Global Edition 2021” and you can download it free of charge here: https://digital.flexotiefdruck.de/gravure_global_2021/

The next step for the publishing house was to start the special “Gravure Global” newsletter. Containing all the latest news and technical articles about gravure printing in English, it will initially appear monthly. You can subscribe to the newsletter here: https://digital.flexotiefdruck.de/gravure_global_2021/



To date, one special publication and one newsletter have been published as part of the “Gravure Global” project.

5 GOOD REASONS SPEAK FOR A SUBSCRIPTION

It's current: The newsletter provides the latest information on products and services of the Heliograph Holding companies.

It's comprehensive: You gain new insights into the current developments of the Heliograph Holding companies.

It's modern: Read all news in a clearly structured presentation with a modern look.

It's fast: You immediately get the content you want – without long downloads or tedious file-handling.

It's easy: Register simply and quickly.



heliograph
HOLDING



ABOUT HELIOSCOPE

Always with our finger on the pulse of time. Ascribing to this motto, we continually keep you informed about current developments, products and services of the Heliograph Holding companies. In practical, customer-oriented and worthwhile terms.

CONTACT

Heliograph Holding GmbH
Konrad-Zuse-Bogen 18
D-82152 Krailing
Phone: +49 (0)89 78596-0
Fax: +49 (0)89 78596-173
www.heliograph-holding.net
info@heliograph-holding.net