



CONTENT OF ISSUE 04 – 2021

KASPAR:

Welcome to **KASPAR** GRAPHIC SOLUTIONS. Welcome to **KARELDIRECT** and **KARELPURE**
Heliograph creates comprehensive offering in the field of rotogravure and flexo printing.

HELL:

4P creates standard for laser-engraved gravure cylinders

Printers can use the advantages of laser engraving in the future without additional expense.



KASPAR

WELCOME TO **KASPAR** GRAPHIC SOLUTIONS. WELCOME TO **KARELDIRECT** AND **KARELPURE**

Heliograph creates comprehensive offering in the field of rotogravure and flexo printing.

We are pleased to announce that we have merged our three US companies – K. Walter Service Corporation, HPS Technologies Global and GPS Greeneville Plate Supply – to form **KASPAR GRAPHIC SOLUTIONS. This move gives us a great set-up, with everything under one roof, and ensures we are perfectly positioned in the field of rotogravure and flexo printing.**

Our site in Inman, South Carolina, is where we manage the distribution of Glunz + Jensen products and all Heliograph products in the field of rotogravure and flexo/dry offset.

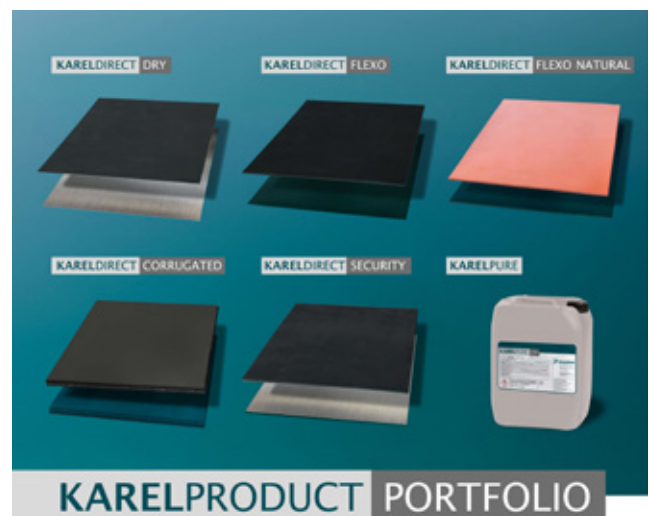
We are also proud to introduce **KARELDIRECT** and **KARELPURE**, our new brands for high-quality printing plates and washout chemistry, both of which are manufactured at our site in Greeneville, Tennessee.

KARELDIRECT is our comprehensive line of elastomer plates for direct laser engraving. These innovative products have been optimized for a variety of applications such as flexo, coating and varnishing, dry offset, corrugated and security. They also offer superior ink release characteristics and extremely long print life. **KARELDIRECT** plates work superbly with PremiumSetter, the versatile laser for high-resolution direct engraving from Hell Gravure Systems.

Last but not least, there is **KARELPURE**, our diverse line of high-quality flexographic washout chemistry that is perfect for Glunz + Jensen machinery and all other brands as well. **KARELPURE** is ideal for taking photopolymer plate manufacturing to the next level.

We are currently in the process of expanding our worldwide distribution network, so most **KAREL** products should be available in your region soon.

More information on **KAREL** and our other products and service offerings can be found at: www.kaspar-gs.com



https://www.helioscope.de/wp-content/uploads/sites/6/2021/05/14-17_TiD_02_Lasertechnologie-neu-A4-Kopie.pdf



HELL

4P CREATES STANDARD FOR LASER-ENGRAVED GRAVURE CYLINDERS

Printers can use the advantages of laser engraving in the future without additional expense

4Packaging, a pioneer in laser engraving and an expert in printing technology implementation, has succeeded in harmonising the printing characteristics of classically engraved and laser-engraved cylinders and thus standardising laser engraving. In future, the printer will be able to run individual cylinders from the colour set or a complete colour set with laser-engraved cylinders without additional fingerprinting.

Laser-engraved rotogravure cylinders impress with sharp-edged text. The smoother ink-layer leads to a high-quality ink application, and half-tones are reproduced with greater nuance and contrast. These are all reasons why laser-engraved cylinders are increasingly in demand for high-quality packaging. 4Packaging has now developed a process that greatly simplifies the conversion to laser-engraved cylinders for the printer.

4P has been producing laser-engraved gravure cylinders for 15 years and is thus a pioneer in laser engraving. The premium preparation of

laser-engraved cylinders used at 4P deserves special mention. The fully automated line is unique in this way and creates the prerequisite for perfect reproducibility.

The many years of experience in the use of laser-engraved cylinders as well as the comprehensive know-how in printing technology implementation now enable 4P to match the printing characteristics of classically engraved and



As a pioneer in laser engraving, 4P is equipped with 3 Cellaxy



HELL

laser-engraved cylinders and thus standardise laser engraving. The previously required additional fingerprint for laser-engraved cylinders is no longer necessary!

The proof of success was recently provided for several packaging jobs. Previously, these jobs were based on classically engraved cylinders. Now 4P supplied one set each of laser-engraved half-tone and linework cylinders. The standard ink formulations for classically engraved cylinders were used for printing. The result showed identical LAB and density values for all tonal values.

In the run-up, 4P had adapted the laser engraving to the classic engraving in terms of printing technology. For this purpose, a customer-independent adaptation was developed for each screen and screen angle. The customer-specific print adaptation was only carried out during laser engraving by means of the usual helio-gravation, which is also used identically in classic engraving.

Thanks to the newly developed standardisation, the printer can now use the advantages of laser engraving more easily, as the same fingerprint is used as for classically engraved cylinders. The standard ink formulation remains unchanged. The printer can now run individual cylinders from the colour set or the complete set of laser-engraved cylinders.



Unique is the automated premium preparation of laser-engraved cylinders

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