

UPDATE

News for offset printers · BU Sheetfed · EMEA Edition



Siegwerk has been approved as Komori's European ink supplier for the H-UV system



Fifth from left Mr. Yoshiharu Komori (Chairman & CEO of Komori Corporation).
Fifth from right Mr. Herbert Forker (CEO of Siegwerk Druckfarben AG & Co. KGaA).

In May 2016, Komori Corporation and Siegwerk signed a manufacturing and supply agreement for high sensitive UV inks for Europe, the Middle East and Africa (EMEA). By this agreement, Komori approved Siegwerk as a manufacturer of «K-Supply ink» for Komori's H-UV system that uses one H-UV lamp. In comparison to conventional UV curing, the volume of CO₂ emissions from Komori's H-UV system is only around one quarter and the electricity consumption is much lower. This drying system doesn't produce ozone, ensures very low heat generation and offers superior print quality.

Under the brand name «K-Supply», Komori offers its customers a lineup of special materials that are officially approved for the Komori printing presses. All inks certified as «K-Supply ink» are defined by high-level print quality, versatility and economic performance. **The high reactive UV inks SICURA Low NRGY produced by Siegwerk will be sold under the brand name «K-Supply» by Komori.** SICURA Low NRGY fully satisfies all demands of offset printers with regard to printing speed and rub resistance. The process colors series shows trouble-free curing, excellent dot gain, has a good water/ink balance and complies with the ISO 2846 standard.

Startling new UV flexo matt OPV

Process: UV flexo printing

Application: Packaging & commercial printing

Series: SICURA Flex OPV

Product number: 85-600884-2

Superb matt effect and smooth surface.
This recently developed matt overprint

varnish is a real breakthrough because usually matt varnishes are either suitable for hot-foil stamping and rough or they are smooth and not suitable for hot-foil stamping. The new UV flexo matt OPV **has a smooth surface and is at the same time hot-foil stampable.** The rub resistance and the reactivity are excellent.

We are pleased to announce



that on 1st July 2016 **Sebastian Specht has been appointed head of the Business Unit Sheetfed.** Since Sebastian Specht joined Siegwerk in August 2004, he has performed different high responsibility functions and BU leadership within the Siegwerk group which has provided him with extensive experience and deep understanding of the ink and printing industries.

Currently he is also in charge of the Business Unit Tobacco and the Brand Owner Business development. «I am very excited about this new challenge», says Sebastian Specht, «and I am deeply convinced that a lot of synergies exist between these business units».

We wish Sebastian Specht every success in his new position.

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SICURA UV Low NRGY matt Process Set

Process: UV offset printing
Application: Magazine printing & packaging
Series: SICURA Low NRGY

On top of the standard process colors and the full range of basic shades, Siegwirk has enlarged its SICURA Low NRGY product portfolio with a Matt Low NRGY process set. These matt inks yield matt solids which create an interesting contrast with the standard gloss process colors.

The effect is **interesting for advertising magazine printing** and is already used for advertisement of luxury goods (watches, jewels). This process is pretty **cost competitive since it does not require a matt varnishing operation**. Moreover, the excellent ink transfer of this new matt process set permits high printing speed with a very stable press behavior. In addition, it exhibits high abrasion and mechanical resistance.

Enhancing metallic offset inks with pearlescent pigment

Metallic inks are used in many applications to give a luxurious appearance to packaging and labels. Since the quality of metallic effect is largely dependent on the ink deposit, the offset printing process is not the most favorable of systems in comparison with gravure or flexo printing. TEMPO metallic inks and SICURA metallic UV inks benefit from the state of the art concept which consists of selecting the best

component to wet the selected metallic pigment in a way that optimizes pigment wetting and orientation. This results in a maximum reflection of the visible light to obtain a metallic shiny effect. In order to maximize this metallic effect, the Siegwirk ink specialists developed flexo varnishes based on pearlescent pigment which is applied on top of the metallic inks. The results are really bright

INKday on the Road



On its journey throughout Europe, **Siegwerk's exhibition bus first stopped on 15th of June in Aarberg/Switzerland**, where the primary site of UV inks manufacturing is located, and then, **on 21st of June in Geneva at the site of Procter & Gamble**. Customers had the opportunity to request advice and support from ink experts and to hear about new packaging developments.

since **it magnifies the metallic effect by adding a glittering glow to the silver or gold shade**.

This approach is applicable both for water-based and UV varnish applied respectively on conventional or UV offset inks.

We are pleased to welcome



Richard Clément as our new Customer Service Manager for France and export, for both Business Units Sheetfed and Narrow Web. He will join us on 1st of September 2016 and is based in Annemasse. (richard.clement@siegwerk.com)

SICURA Litho LED & SICURA Low NRGY brochure



A brochure of SICURA Litho LED & SICURA Low NRGY has been created and published during the Drupa. These UV offset inks are a breakthrough for commercial applications. Do not hesitate to request this brochure from your local Siegwirk application technician in order to discover the superb performance of SICURA Litho LED and SICURA Low NRGY inks.