

For immediate release

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Head LEHNER's RCC 9 – No Hassle with Colour Mis-Register at Start-Up

Subhead Esko-Graphics' "Scope" includes LEHNER Register-Code for
computer controlled plate checking

KIRCHHEIM/TECK, Germany, 8 September 2004 – The new Register Computer Control System, RCC 9, from LEHNER SENSOR-SYSTEME ensures highly accurate pre-setting of colour register on multi-colour offset presses. During start-ups, register adjustments are not required, therefore a big cause of extended make-ready time is removed.

After plate making, RCC 9 reads the LEHNER Register-Code on each plate; the code provides information about the printing press that will be used for the print job, and the colour assigned to the plate. RCC 9 accurately detects the image position on each plate relative to the plate's mounting position, and determines whether or not a deviation from the centre position is within the adjustment range of the register system of the specified press. Should an image be too far out, then the plate will be rejected.

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Add one

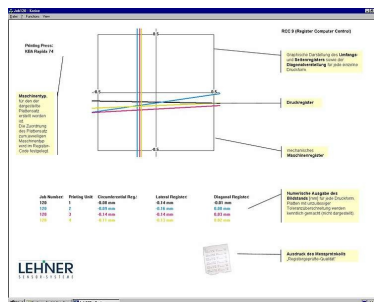
Numerical values of the deviations from the centre positions for each plate are made available for pre-setting of the print registers; this virtually eliminates any start-up waste caused by colour mis-register, as a result changeover times are shortened.

Esko-Graphics' print process workflow "scope" has now the capability to add LEHNER Register-Code during plate lay-out. The codes are transferred onto the plates and then read by the RCC 9. This easy-to-use link provides computer controlled quality assurance for the correct positioning of images on printing plates.

Hassle, caused by plates that cannot be brought into registration, is now avoided and substantial sums of money are saved.

* * *

Photo (file attached)



Caption

RCC 9, this screen shot shows the actual deviations of the plates from the centre positions of the registers, and the necessary pre-set values, accurate to within ± 0.01 mm

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Add two

Notes to the Editor

ESKO-GRAPHICS

Esko-Graphics is the world leader in packaging pre-production solutions and a global supplier of pre-press systems for commercial printers. Key products are hardware systems such as Computer-to-Offset Plate systems, Computer-to-Flexo Plate systems, and software systems such as Scope.

Scope, Esko-Graphics' advanced workflow environment, integrates a number of software products for commercial printers and packaging service providers. Scope covers a wide range of functions, from job management, through graphic design and pre-production planning, to plate making.

Esko-Graphics was formed by the merger of the Belgian company Barco Graphics and the Danish company Purup-Eskofot in early 2002.

Esko-Graphics' headquarters are in Gent, Belgium; the company employs around 1,000 people worldwide. R&D and manufacturing facilities are located in Denmark, Belgium, Norway, Germany, the United States and the Czech Republic. Esko-Graphics has local sales and support organizations in Europe, North America and Asia-Pacific. Its products are also distributed through a global network of resellers and OEM partners.

Esko-Graphics is a private company, owned by Kirkbi A/S, a Danish finance and investment company.

LEHNER GMBH SENSOR-SYSTEME

LEHNER SENSOR-SYSTEME was founded in 1990 by Rolf-Peter Lehner. He saw the need for more sophisticated, sensor-based control and monitoring systems in the printing industry; systems that would enable printers to increase significantly the efficiency of their printing processes and at the same time increase the consistency of the quality of the printed products.

The company specialises in advanced sensor technology and sensor integration into different print process control systems. These systems detect process faults or quality problems. A new generation of predictive systems can detect specific combinations of variables that are indicators of imminent interruptions of printing processes and the systems react to prevent problems from occurring.

The sensor systems give tangible benefits to customers. LEHNER SENSOR-SYSTEME is an 'A'-supplier to Heidelberger Druckmaschinen AG and to Koenig & Bauer AG (KBA). The company has enjoyed consistent year on year growth and moved into new, larger, purpose-build headquarters in September 2001.

LEHNER SENSOR-SYSTEME's quality management system is certified to DIN EN ISO 9001:2000.