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Dainippon Screen Launches UV Inkjet Label Printing System
– System Is Expected to Provide Solutions to Wide-ranging Label Industry Needs
and Accelerate Business Expansion –

Kyoto, Japan – September 19, 2013 – Dainippon Screen Mfg. Co., Ltd. will launch its new Truepress Jet L350UV inkjet label printing system in October. In addition to delivering the highest level of printing performance, the system is able to handle security printing, providing solutions to various needs currently being experienced by the label printing industry. With the Truepress Jet L350UV, Screen is expected to further accelerate its expansion in an industry that is enjoying remarkable growth.



Truepress Jet L350UV

Please download the photo from:
www.screen.co.jp/eng/press/nr-photo_2012-2013.htm

Due to the continuing diversification of product packages and other trends, the global label printing industry is projected to grow from the approximately 31.5 billion dollars earned in 2012 to nearly 40 billion dollars by 2016.* Meanwhile, as label printing companies seek to differentiate themselves from competitors, they have experienced a growing requirement for systems that can provide greater product diversification and higher added value with shorter turnaround, without using specialized technical skills. This has led to a significant increase in the market for on-demand printing (POD) systems, which largely satisfy these needs. At the same time, successive annual growth in illegal copying and counterfeiting has also created a growing requirement for a new label printing technology that can ensure product authenticity and resolve related issues.

In 2012, Dainippon Screen developed the Truepress Jet L350UV, a digital inkjet label printing system that delivers industry-leading printing speed of 50 meters (164 ft) per minute. Screen then introduced its technologies at various international exhibitions and conducted ongoing market research to build a clear picture of industry requirements. Based on this investigation and its many years of accumulated knowhow, Screen was subsequently able to make several major improvements, including the development of a proprietary printhead control technology, wide gamut UV inks, and color management technology. In addition to the excellent throughput mentioned above, the Truepress Jet

L350UV provides more stable printing capabilities coupled with higher image quality. The ability to connect inline to post-processing devices** such as those for die-cutting and surface processing like varnish printing also enables uninterrupted production from input of digital data to output of finished labels. Importantly, the Truepress Jet L350UV also provides a solution*** to security printing requirements with its ability to output the special codes required for Advanced Track & Trace's SEAL VECTOR® authentication technology and support for the dot codes used in counterfeiting prevention and distribution management systems.

Dainippon Screen plans to begin sales of the Truepress Jet L350UV in October. Its launch is expected to accelerate Screen's expansion in the label printing industry, as it continues to show strong growth. Screen is firmly committed to supporting the diverse needs experienced by the industry and will continue to provide a wide range of solutions to help printing companies enter new business areas, thereby contributing to the expansion of the overall industry.

Dainippon Screen Mfg. Co., Ltd.

Since being established in 1943, Dainippon Screen has grown significantly in the printing and prepress fields and is currently a leading company in the thermal CtP recorder and on-demand printing system industries. By leveraging its core photolithographic (photo etching) technologies, Screen has developed a large number of products that hold top shares in a variety of fields, including those for semiconductor, flat panel display, and PCB production equipment. Screen continues to expand these business areas. For more information, please visit: www.screen.co.jp.

Advanced Track & Trace

Established in France in 2003, Advanced Track & Trace provides authentication technologies that utilize special two dimensional barcodes and information control systems for assessing quality loss when the codes are printed. Its flagship SEAL VECTOR® technology has also been widely adopted around the world for use in traceability and customer relations management systems. For more information, please visit: www.att-fr.com.

• Comment by Dominique Gresland, COO of Advanced Track & Trace

The high-definition inkjet printing technologies provided by the Truepress Jet L350UV ensure excellent reproduction of Advanced Track & Trace's precise authentication codes. I am convinced this combination of our two companies' systems will contribute to the increasing adoption of security printing, a technology that protects the marketability and brand value of original products.

* Calculated on a production basis.

Source: Smithers Pira, a UK-based international authority on packaging, paper, and print industry supply chains. Converted at a rate of \$1 equals ¥100.

** Option. Scheduled for release in spring 2014.

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