

## **Dainippon Screen Develops UV Inkjet Label Printing System Offering Both High Throughput and High Imaging Quality**

Kyoto, Japan – May 4, 2012 – Dainippon Screen Mfg. Co., Ltd. has developed the Truepress Jet L350UV, a UV inkjet printing system. This new system incorporates single-pass heads with proprietary assembly technology and is designed for the label printing industry.

In 2010, production in the international label printing industry reached approximately 28.8 billion dollars. In 2012, this market is expected to grow to around 31.4 billion dollars and by 2016, to exceed 39.8 billion dollars. Meanwhile, there has been a progressive trend toward greater product diversification and shorter lifecycles; a movement that has led to a rise in the requirement for diversified, short run printing as well as higher quality, faster turnaround, and higher added value.

At the same time, there has also been an increase in the introduction of POD (print on demand) systems, which are able to produce limited volumes of an item whenever required. As a result, it is estimated the POD share of the label printing industry will expand from 10.8 percent in 2010 to 25.7 percent by 2016.\*

Recognizing these industry trends, Screen has developed the Truepress Jet L350UV inkjet label printing system, featuring UV inkjet type single-pass heads. The Truepress Jet L350UV is able to accommodate a maximum printing width of 322 mm (12.6") and it achieves a world-leading speed for a label printing system of 50 m (164 ft) per minute.

The Truepress Jet L350UV also features a combination of multi-level grayscale printheads that can control a minimum droplet size of three picoliters\*\* plus proprietary high-quality screening and advanced color management technology. Together these elements enable the creation of smooth, vivid gradations.

In addition, newly developed wide gamut inks allow the wide color gamut needed for label printing to be covered using CMYK four color inks. This previously required the use of spot colors. Screen also plans to connect lamination, die cutting, and other post-press units inline, promising even higher processing efficiency.

With the development of the Truepress Jet L350UV as a new model for the Truepress Jet series, Screen is aiming for full-scale entry into the label printing industry. As well as strengthening various label printing-related solutions, this will enable the development of new business potential in this industry.



**Truepress Jet L350UV  
(Model for drupa 2012)**

Please download the photo from  
[www.screen.co.jp/eng/press/nr-photo\\_2012-2013.html](http://www.screen.co.jp/eng/press/nr-photo_2012-2013.html)

\* Source: Smithers Pira, the worldwide authority on packaging, paper, and print industry supply chains

\*\* One picoliter is equivalent to one-trillionth of a liter.

Note: Screen will exhibit the Truepress Jet L350UV at drupa 2012, the leading international trade fair for the print and media industry, held in Düsseldorf, Germany from May 3 (Thursday) to 16 (Wednesday), 2012. A demonstration using a working model will also be staged in Screen's stand.