

Dainippon Screen Strengthens Solutions for Package Industry — Expanded Lineup plus Newly Developed Functions —

The Media and Precision Technology Company (President: Katsuhiko Aoki) of Dainippon Screen Mfg. Co., Ltd. (Headquarters: Kyoto, Japan) has further expanded its lineup and developed new functions for its package and label printing-related products. These advances have led to the enhancement of various solutions available for the package industry.

In recent years, with the growth in Internet shopping, the trend toward diversified, short run products has been accelerating, and there has also been a related rise in the requirement for value-added packaging with the ability to increase product differentiation. In addition, as the number of companies introducing supply chain management has grown, the package printing industry has also been increasingly required to accommodate just in time production systems, in which a particular number of specified items must arrive at a predetermined time.

In response, Screen has introduced various products and solutions, focusing on the commercial printing field. This includes the PlateRite series of thermal CtP recorders, which currently holds the top share* in the world market, and the Truepress Jet series, which enables high-speed, high-quality POD (print on demand) printing. It is also now possible to control multiple different devices within a single operating environment thanks to Screen's EQUIOS Universal Workflow. Screen has also been active in the sign and display and industrial printing fields, developing diverse solutions based on UV inkjet printing systems.

Using its accumulated knowledge and achievements as a foundation, Screen has now further strengthened its range of solutions for the package industry. This includes the PlateRite FX series of CtP recorders, designed for flexo and resin letterpress plates. Thanks to its maximum resolution of 4,800 dpi and Screen's proprietary Flexo Dot screening, this new lineup delivers extremely stable, high-definition printing, answering the growing need for high value-added package printing.

The Truepress JetSX, the world's first sheet-fed inkjet printing system capable of handling B2 sized media, now also features a new function that allows it to print onto paper up to 0.6 mm (23.6 mil)** thick. Screen will exhibit the Truepress JetSX together with the Scodix S digital press and Highcon Euclid system 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. In the exhibit with Scodix's UV inkjet digital embossing system, Screen will outline the high value-added packaging that can be created using a UV clear ink-based digital embossing effect and new glitter function. With Highcon's digital paper folding and cutting system, Screen will present a total solution reflecting the trend toward diversified, short run and on demand printing.

To meet the growing need of the label industry for diversified, short run production, Screen has also developed the Truepress Jet L350UV, equipped with proprietary single-pass heads. Screen intends to use the same module technology adopted for this system to develop applications for new output systems in the future.

By strengthening these solutions, Screen plans to expand its share of the package printing market, which is expected to show strong future growth. Screen's goal is to be a leading company in the package printing industry and closely respond to increasingly diverse user needs.

* According to Screen's research

** Factory option