

Dainippon Screen Launches 8-Page CtP Flagship Models — Environmentally Conscious CtP Systems Providing Both High Quality and High Speed Exceeding One Plate Per Minute —

The Media and Precision Technology Company (President: Kyohei Fujisawa) of Dainippon Screen Mfg. Co., Ltd. (Headquarters: Kyoto, Japan) has developed the PlateRite HD 8900 series, as a flagship series of 8-page thermal CtP^{*1} models. The PlateRite HD 8900 series delivers top-level throughput and even greater environmental friendliness. Sales of this series in the international market will start in April 2011.^{*2}

In recent years, companies in the printing industry have increasingly needed to respond to short deadlines and save labor in production processes. They have also been working to differentiate themselves by creating high added value. At the same time, there has likewise been an increasing need for a management style that emphasizes a CSR-oriented approach, including the introduction of environmentally aware products. In view of these industry trends, Screen has developed the PlateRite HD 8900 series as high-end models for its lineup of PlateRite thermal CtP systems, which hold the top share of the world market. The PlateRite HD 8900 series is comprised of A4 size 8-page models, which are in highest demand in the industry.

The newly announced PlateRite HD 8900 series consists of the Z, S, and E models – each one designed to meet different needs. Of these three, the top-end PlateRite HD 8900Z offers ultra-high throughput of more than 65 plates per hour,^{*3} providing high output that exceeds one plate per minute. In addition, by combining high-precision halftone dots with a 4,000 dpi output mode,^{*4} the PlateRite HD 8900 series is able to produce photo-quality printing. Also, in 3D lenticular output mode,^{*4} it supports crisp 3D printing. Features such as these support high value-added printing, enhancing differentiation in the marketplace. The PlateRite HD 8900 series also has an expanded ability to handle different plate sizes from 304 x 305 mm (12.0” x 12.1”) to 1,165 x 950 mm (45.8” x 37.4”). This enables it to cover various press machines in the market. In addition, the newly designed autoloader features improved operability and flexibility. It is possible to load plates during continuous exposure, which leads to increased production volumes. This means the Plate Rite HD 8900 series contributes to maintaining the high operation rate of the press. From an environmental point of view, power consumption per plate during operation has been reduced by around nine percent, and when the newly available power-saving mode is used, standby power consumption is around 85 percent lower.^{*5} Together these savings greatly strengthen the environmental friendliness of the PlateRite HD 8900 series.

As a leading press and prepress equipment manufacturer in the international printing industry, Screen is targeting the needs of high-end users with the release of the PlateRite HD 8900 series. Screen intends to use this series to enhance its position as the holder of the number one market share.^{*6}

Note: Screen will exhibit actual models from the PlateRite HD 8900 series at Print China 2011, the 2nd International Printing Technology Exhibition of China, which will be taking place at the Guangdong Modern International Exhibition Center in Dongguan City, Guangdong Province (China) from April 9 (Saturday) to 13 (Wednesday), 2011.

*1 CtP (Computer to Plate)

CtP equipment uses laser light to image edited digital data directly onto printing plates. This type of system is quickly becoming widely used around the world and is already the standard method of platemaking in many industrialized countries.

*2 The Z model is currently scheduled for introduction in the third quarter of the 2011 calendar year.

*3 For the Z model (plate size: 1,030 x 800 mm [40.5" x 31.4"], 2,400 dpi)

*4 Option (4,000 dpi output mode is available with S/E models, 3D lenticular output mode is available with all models)

*5 Compared to existing Screen models.

*6 According to Screen's research.



PlateRite HD 8900Z

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