



**For immediate release  
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## **SCREEN LAUNCHES TRUEPRESS JET1600UV-F: ITS LATEST TOOL FOR SIGN/DISPLAY PRINTING**

Screen's Truepress family of sophisticated digital printing systems continues to add new members with innovative capabilities to address different opportunities for printers in a changing marketplace. Today Screen launches the Truepress Jet1600UV-F, a high-quality inkjet printing system developed for the sign and display business. It makes its debut at Print 09.

"The Truepress Jet1600UV-F delivers high precision and high flexibility," said Rob Hageman, European Product Manager, Screen Europe. "This easy-to-use flatbed device is built around the latest technology for inkjet printing and UV-LED curing."

The Truepress Jet1600UV-F is a welcome addition to the printing landscape not only because it enables vivid, full-colour printing of signs and displays. Its advanced functionalities also provide printers with significant advantages in the production of backlit graphics, wide-format posters, point-of-purchase displays, commercial furniture and construction signage.

The Truepress Jet1600UV-F prints images up to 1,602mm (63in) wide and up to 3,100mm (122in) long. It is capable of printing 13 sqm (140 sqft) per hour on a diverse array of substrates up to 50mm (1.96in) thick.

### **HIGH PERFORMANCE**

Several unique features make the Truepress Jet1600UV-F ideal for printing operations that require high performance. The inks are hard-dried using ultraviolet rays produced by dedicated light emitting diodes (LEDs). The UV-LED light source used by the Truepress Jet1600UV-F generates very low heat during imaging, increasing the range of media that it can handle efficiently. As a result, the Truepress Jet1600UV-F accommodates such heat-sensitive materials as foam and channel boards, PVC, acrylic and styrene panels without warping or distortion. The UV-LED light source also lasts longer and draws less electricity than conventional UV lamps so its impact on the environment is minimized.

“The UV-LED technology helps achieve low energy consumption and a work environment mostly free of volatile organic compounds,” Hageman pointed out.

### **NEW IMAGING SYSTEM**

A newly created imaging system features eight individual printing heads that support rapid printing. The enhanced productivity allows the Truepress Jet1600UV-F to take on fast-turnaround jobs in quick succession.

The new head positioning system incorporates a high-resolution linear scale. The extremely precise dot placement translates into legible type on large-size prints, even when outputting sizes down to 3-point text. The reproduction is exceptionally sharp and the tints and gradations exceedingly smooth thanks to the maximum resolution of 1,200 dpi x 1,200 dpi, coupled with the piezo variable-drop printhead that emits up to seven dot sizes.

### **FLEXIBLE AND RIGID INKS**

Two types of UV ink, one for flexible media and the other for rigid media, give operators a great deal of choice in printing applications. Available in four process colours, the flexible UV ink can be stretched by up to 200 percent, as well as cast or bent. It exhibits excellent performance on white media, including substrates employed for packaging, POP displays and life-size panels.

The rigid ink resists friction and exposure to damaging chemicals. This ink series is particularly well suited to printing on aluminum composite panels and decorative illuminated film. It is offered with cyan, magenta, yellow, black and white inks. The addition of white ink ensures high-quality colour output on transparent, metallic and coloured media.

**End**

**Note to Editors:** an image of the Truepress Jet1600UV-F available to download direct from <http://tinyurl.com/qrtwzj> (click on the image and right click to save as high res jpeg) or on request from [melindaw@splashpr.co.uk](mailto:melindaw@splashpr.co.uk)

#### **About Screen:**

Dainippon Screen Mfg. Co., Ltd (Kyoto, Japan) is one of the world's largest manufacturers and suppliers of system components for the prepress and printing industries. Its large range of equipment includes workflow systems, RIPs, proofing systems, platesetters and digital printing presses. The company is also a well-known manufacturer of equipment for the semiconductor and flat panel display manufacturing industries.

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