

SCREEN Expands Truepress Jet520NX Lineup

Range to Include Entry-level Model and High-speed Monochrome Options

Kyoto, Japan – February 21, 2019 – SCREEN Graphic Solutions Co., Ltd. (SCREEN GA) has finalized development of a new entry-level version of its Truepress Jet520NX high-speed roll-fed inkjet press. The Truepress Jet520NX EN system is due to be launched in the global market.¹ SCREEN GA is also developing optional functions that will enable high-speed monochrome printing using Truepress Jet520NX as well as Truepress Jet520NX EN systems. The units are scheduled for initial release from this spring (Northern Hemisphere).²

Truepress Jet520NX EN

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In recent years, the printing industry has experienced a growing need for better ways to handle the rise in mixed, small lot printing, particularly book on demand jobs, and variable printing such as personalized catalogues, direct mail and full color invoices. This has led to growing calls for reliable full color variable printing systems that are able to provide the necessary functionality while also lowering acquisition costs.

In response to this trend, SCREEN GA has created the Truepress Jet520NX EN system as an entry-level version of its Truepress Jet520NX high-speed roll-fed inkjet press. The model offers the same outstanding print quality and highly reliable workflow technologies as other systems in the company's market-leading Truepress Jet520 series. This series boasts one of the most successful lineups in its class.

To reduce costs, SCREEN GA has also designed the Truepress Jet520NX EN press so it shares the same printhead module, control technologies, transfer system and exterior as its Truepress Jet520NX system. Together, the above features enable the new entry model to cut acquisition costs while still delivering throughput of up to 75 meters (246') per minute, ensuring exceptional cost performance.

With more users also calling for faster monochrome output, SCREEN GA is currently developing separate high-speed options for its Truepress Jet520NX and Truepress Jet520NX EN models. The units will enable monochrome printing at a speed of 180 meters (590.4') per minute for a resolution of 600 x 600 dpi. Their installation will allow printing companies to improve the overall efficiency of both their color and monochrome work using a single system and also to expand the range of applications they are able to handle.

SCREEN GA will continue to target a wide variety of market needs as it works to develop further innovative solutions. It remains focused on contributing to the success of its customers' business and the growth of the printing industry.

Print speeds for individual models and options³

	Truepress Jet520NX EN	Truepress Jet 520NX EN + high-speed monochrome option	Truepress Jet520NX	Truepress Jet520NX + high-speed monochrome option
Monochrome	60 m (196.8')/min at 600 x 600 dpi	180 m (590.4')/min at 600 x 600 dpi (under development)	120 m (393.6')/min at 600 x 600 dpi	180 m (590.4')/min at 600 x 600 dpi (under development)
Full color	75 m (246')/min at 600 x 450 dpi	60 m (196.8')/min at 600 x 600 dpi 75 m (246')/min at 600 x 450 dpi	150 m (492')/min at 600 x 450 dpi	120 m (393.6')/min at 600 x 600 dpi 150 m (492')/min at 600 x 450 dpi

1. Dye and pigment ink specifications will be available and the release date will differ for each type.
2. Separate high-speed monochrome options will be available for the Truepress Jet520NX and Truepress Jet520NX EN models. The unit for the Truepress Jet520NX system is scheduled for release this spring/summer while that for the Truepress Jet520NX EN model will follow during the summer.
3. The specifications have been compiled using a production environment at a SCREEN GA facility. The specifications of products currently under development are subject to change.

Note: Truepress is a registered trademark of SCREEN Holdings Co., Ltd. in Japan and/or certain other countries.

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