

SCREEN

POD

Creating a Future in Print

Truepress Jet520EX

Full-Color Variable Printing System





Truepress Jet520EX Color

Dependability and Results:
The Truepress Jet520 Series

The Truepress Jet520 has become one of the world's best-selling high-speed inkjet press because of its reliability, consistency and high-quality printing results. Those same characteristics are now available in a more compact and more affordable packaged called the Truepress Jet520EX Color. Introduce the benefits of color to your business with the Truepress Jet520EX.

- Featuring Seiko Epson's highly reliable piezo drop-on-demand inkjet head array, the Truepress Jet520EX Color offers smooth reproduction of gradients.
- The use of a printing head mechanism featuring Screen's unique one-pass technology improves printing and register precision.
- An internal quality control scanner automatically adjusts printing to ensure the highest quality.
- A flushing mechanism and waste page function ensure that the printing system is always at its best.
- It's easy to make settings for printer marks that ensure proper print positioning and front/back alignment.
- A paper transport sensor makes fine adjustments to ensure proper paper positioning even during high-speed output.

Front/Back register marks and barcode marks



Space and cost savings

- The Truepress Jet520EX Color's footprint is about 26% smaller than that of existing models*, which contributes to more efficient use of space.
* As compared with the Truepress Jet520 (standard model).
- All the functions required for full-color variable printing are included in this entry-level model. What's more, running costs are reduced** thanks to its use of inkjet printing. As a result, the Truepress Jet520EX offers cost savings both on investment and during operation.
** As compared with toner POD.

Screen's long-awaited entry-level full-color variable POD model is here!

Many early adopters of digital printing made their first steps with black and white machines for the production of transactional documents and information publishing. But the demand of market is changing to full-color inkjet presses in order to enhance customer appeal and add value.

To help smooth the transition from black and white to color, Truepress Jet 520 EX Color has been launched as an entry-level digital inkjet printing system that is based on the market leading Truepress Jet520. The Truepress Jet520EX Color meets the needs of companies that want to begin offering full-color variable printing who have the demand the current range of equipment lower initial investment.

Better printing application

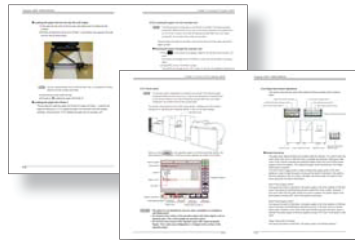
proposals

The Truepress Jet520EX Color offers color and image expression that monochrome printing systems cannot achieve. The Truepress Jet520EX Color can help users produce better proposals for clients by enhancing the appeal of products from a variety of printing applications. What's more, it offers reduced per unit prices thanks to its timely, low-cost printing of small lots, which makes it a particularly good tool for users who do a lot of small-lot work.

• The added value of full-color variable printing allows users to develop their business into new printing applications.



Study materials
By creating individualized materials for correspondence courses and other classes, including workbooks, progress reports, and follow-up for areas that need improvement, full-color variable printing can help improve education outcomes.



Product manuals
Full-color variable printing is perfect for the production of jobs with a small number of copies and high page counts that include color pages. It also makes inventory-less product delivery possible.



Detailed statements and invoices
Information can be printed in full color on credit card statements and other invoices, based on the customer's age, gender, and occupation.

Flexible

system formats and layouts that
suit a variety of purposes

- Choose between Simplex and Dual Engine Duplex systems to suit your production purposes and conditions.
- The Truepress Jet520EX Color meets open interface standards, so it can connect smoothly with a variety of finishing equipment, including folding and cutting machines. Create the optimal production environment for your printing applications.

Simplex

Can print up to 520 mm (20.47") paper width on one side of the sheet.



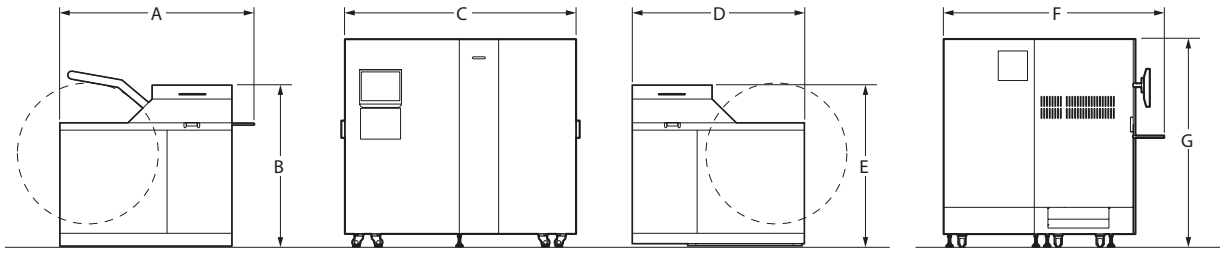
Dual Engine Duplex

Can print up to 520 mm (20.47") paper width on both sides of the sheet. What's more, a variety of layouts can be selected to suit the available installation space.



* Illustration shows straight-line layout (I-shape)

Dimensions



	A	B	C	D	E	F	G
mm	1,768	1,456	2,186	1,550	1,456	2,028 (including operation panel)	1,905
inches	69.7"	57.4"	86.1"	61.1"	57.4"	79.9" (including operation panel)	75.0"

Truepress Jet520EX Color specifications

Printing method	Piezo single-pass printing, four tones per drop
RIP	SV-110
Ink	Water-based dye inks
Resolution	Maximum 360 x 720 dpi
Product configurations	Simplex, Dual Engine Duplex
Printing speed	Maximum 64 m (209.98')/min
Paper width	165 to 520 mm (6.50" to 20.47")
Printing width	150 to 506 mm (5.90" to 19.9")
Dimensions (W x D x H)	2,186 (86.1") x 1,766 (69.6") [2,028 (79.9") including operation panel] x 1,905 mm (75")
Weight	Simplex configuration: 1,810 kg (3,982 lb)
Power source	Printer: Single phase 200 to 240 V, 13 A Three phase 200 to 240 V / 380 to 440 V, 25 A / 15 A Single phase 100 to 240 V, 2 A
Operating environment	Temperature: 18 to 24°C (no sudden temperature changes) Relative humidity: 40 to 60% (no condensation)

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