



KONICA MINOLTA

SCREEN

Truepress  Jet520ZZ

Full-Color Variable Printing System



Boasting Speeds of 220 Meters (722 Feet) per Minute, the Truepress Jet520ZZ is the Pinnacle of the Truepress Jet520 Series.

Today's society demands that information be fresh, and the printing industry is no exception. Print On Demand (POD) is rapidly becoming the standard in the industry, and as the use of POD with different types of media advances, there is a need for faster inkjet printing speeds as well.

The most appealing thing about the new Truepress Jet520ZZ is its ability to print at super-high speeds. It maximizes the potential of variable inkjet printing by offering the superior printing quality honed in the Truepress Jet520 series while supporting output speeds of a blistering 220 meters (722 feet) per minute.



COUNT ON KONICA MINOLTA

High speed!

Spectacular speed, with high throughput of about 1,444 A4 pages per minute

The Truepress Jet520ZZ's remarkable output speed of 220 meters (722 feet) per minute puts it in the top tier of full-color variable printing presses. It also offers reliable support for media used in jobs that demand high speed and high volume, such as direct marketing materials, brochures, pamphlets, and newspapers. The Truepress Jet520ZZ contributes significantly to printing companies' ability to provide information in a timely manner.



Trifold direct marketing postcard size
300 x 145 mm (11.81" x 5.70")
2,131 postcards/min

127,860 postcards/hour



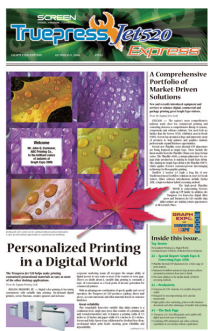
A4 size
297 x 210 mm (11.69" x 8.26")
Simplex 1,444 ppm

173,280 pages/hour
with a Dual Engine Duplex System



Blanket newspaper size
547 x 812 mm (21.5" x 31.9")
Simplex: 395 ppm

47,400 pages/hour
with a Dual Engine Duplex System



Support for 570-mm (22.4") wide media (option)

The Truepress Jet520ZZ supports printing onto blanket-size media (547 x 812 mm [21.5" x 31.9"], for facing pages). It can therefore print newspapers at actual size, making it the ideal tool for the development of new business opportunities involving the printing of small lots of variable, localized newspapers and other similar products.

Flexibility

Functions supporting ultra-high speed and high accuracy

Speeding up data processing with the latest in computing technology

The Truepress Jet520ZZ uses the Adobe PDF Print Engine 2 as its RIP engine. This enables it to process PDF data natively and keep operating data volumes lower.

PANTONE library included

EQUOIS, which is the front-end system for the Truepress Jet520ZZ, now includes PANTONE PLUS and PANTONE Goe from the PANTONE library. The inclusion of color charts for the widely used PANTONE colors ensures easier, more accurate conversion of PANTONE colors to process colors in the RIP.

PDF/VT support (under development)

The Truepress Jet520ZZ will support the latest variable printing format, PDF/VT, in the future. The PDF/VT format stores each image element as a separate resource that is called up when needed during printing, which reduces the complexity of data management.

Ink saving solution (option)

Through the use of UCR/GCR conversion algorithms, some of the CMY separations are converted into a K separation. This enables a savings of up to 15% in ink usage with no corresponding decline in quality, and results in a more ecological and economical production environment.

Specifications

Printing Method	Piezo single-pass printing
Ink	Water-based pigment inks, water-based dye inks
Resolution	Maximum 720 x 360 dpi
Product Configurations	Simplex, Dual Engine Duplex
Printing Speed	Maximum 220 m (722")/min
Paper Width	165 to 520 mm (6.50" to 20.47")

*165 to 570 mm (6.50" to 22.44") as an option



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Quality

Color management that supports superior printing quality

The Truepress Jet520ZZ combines the latest in inkjet printing technology with proven color management technology from the prepress field. The color management system (CMS) handles a variety of tasks, from color matching to correcting tone curves and shading, and enables superior printing that goes far beyond the traditional boundaries of variable printing.

SCREEN

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