

XEIKON TX500

Groundbreaking digital technology enabling innovative packaging applications and more

The Xeikon TX500 digital press runs TITON toner. TITON technology is a food safe and durable digital printing technology; its prints are resistant to high temperatures, solvents and scratches without using a varnish. It opens new capabilities and market opportunities:

- Self-adhesive labels do not necessarily need protective varnishing saving a cumbersome finishing process step for wine labels and others.
- Paper-based flexible packaging can be printed digitally, heat sealed without damaging the colors and be food safe without the need to use an extra functional barrier.
- Combining resistant and non-resistant toners in one go, creating unique capabilities in security printing and more.

The Xeikon TX500 fits a growing market addressing the sustainability trends in consumer and foodservice packaging. The combination of TITON toner with the Xeikon TX500 digital press provides an unseen solution for short to medium runs.



ENGINE SPECIFICATIONS

Xeikon TX500

The uniqueness of the Xeikon TX500: TITON technology

- Food safe.
- Resistant to high temperatures; heat sealable.
- Scratch- and solvent resistant.
- No lamination, no varnish required.
- 5 color printing.
- Speed up to 30 m/min (98 ft/min).
- Webwidth 520 mm (20.3").

Process	Full rotary, LED-array-based, dry toner Electro Photography
Color configuration	5 print stations (CMYK W or gamut extension, technical, custom color)
Addressability and grey levels	1200 x 3600 dpi with 4-bit variable dot density
Print media width	250 - 520 mm
Maximum imaging width	508 mm
Repeat length	0 - 55 m
Maximum print speed	30 m/min
Press throughput	936 sqm/hr (1450 MSI/hr)
Toner	Xeikon TITON toner
Embedded controls	QMM: Inline spectrometer and registration camera for advanced density, tone curve and registration control Optional XCS: automated color profiling, monitoring and adjustment

Get in touch!

XEIKON

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Paper based pouch



Wine label without varnish



Digital metalisation

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State-of-the-art printing technology