

Xennia Ultramarine

Single pass high throughput ceramic tile printer

The Xennia Ultramarine provides a compelling solution for digital ceramic tile decoration, giving economic printing of short runs. The system's wide single pass printing configuration delivers unrivalled productivity with the reliability that customers expect from a production system.

Ideal for high throughput ceramic tile decoration

With multiple colours, excellent reliability, high speed and print widths from 415 mm up to 725 mm, the Xennia Ultramarine is ideal for high productivity ceramic tile decoration. Xennia's built-in PureFlow™ intelligent recirculating inkjet technology gives state-of-the-art reliability and enables the use of ceramic tile printing inks containing large dense particles.

Integrated modular printing system with flexible options

The print engine is designed in a modular configuration, allowing scalable print widths. Additional colours can be specified beyond the standard four. The printing system comprises printheads and drive electronics mechanically mounted over a robust conveyor. Recirculating fluid controllers supply ink continuously to the printheads. The system is managed using XenJet print software. The high colour version of the Ultramarine allows twice the throughput of the standard system, or twice the resolution and colour density, as specified by the user. Other options include additional colours and an automated printhead maintenance station.

Advanced image handling capabilities

The combination of advanced print electronics and software means that the Xennia Ultramarine offers superb image handling capabilities, with unlimited image memory and fast download. Randomised image printing includes Dynamic, Incremental and User-Defined modes, all working in 2-dimensions, and allows handling of multiple tile images and simulation of traditional rotary printing. On-printhead image storage means no download time during tile production and instant image changeover.

Based on PureFlow™ total ink management

Xennia's ceramic solutions use its proprietary PureFlow™ intelligent recirculating inkjet technology, which manages the inkjet fluid from bulk tank to nozzle and back, ensuring the ultimate in production reliability. PureFlow™ technology is based on Xennia's long experience in the ceramics industry as the leading inkjet solutions provider.

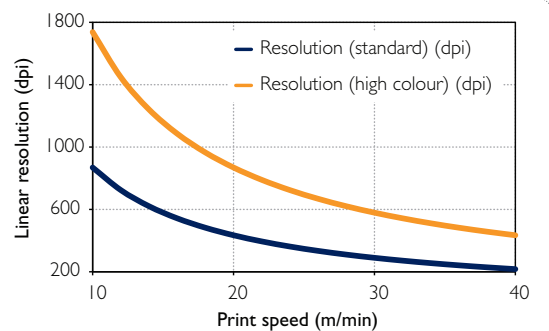
- 💧 Ceramic tile decoration
- 💧 Fast throughput
- 💧 High reliability



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Specifications

Fluid type	Oil-based inkjet ceramic printing inks
Printhead	XenJet advanced recirculating 8 level greyscale
Print width options	415 mm (16.3 in), 520 mm (20.5 in), or 725 mm (28.5 in) single pass
Print speed/resolution (standard)	See graph
Print speed/resolution (high colour)	See graph (double the coverage of the standard version)
Colour capability	4 colour (additional colours available as an option)
Fluid control	PureFlow™ intelligent recirculating ink management
Printhead maintenance	Automated maintenance station available as an option
Software control	XenJet print software with integrated user interface Full 8 level greyscale support
Image handling	Unlimited image size with on-printhead storage Randomised printing modes: Dynamic, Incremental and User-Defined (all in 2-dimensions) On-the-fly test prints and dynamic image adjustment Standby mode with automatic maintenance scheduler Full RIP and colour management (based on Adobe™ engine)
Dimensions (WxDxH)	3.7 m x 2.0 m x 2.3 m (146 in x 79 in x 91 in) approx.
Power supply	120/230 VAC, 50/60 Hz, single phase Up to 1.5 kW typical (4 colour, 725 mm)
Options	Additional colours Automated maintenance station



Subject to technical modification without notice



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