

Xennia Aquamarine

Full colour rigid box packaging printer

The Xennia Aquamarine is a flexible, digital printing system designed to enable economic printing of rigid packaging in short customised and personalised runs.

Ideal for rigid industrial package printing

The Aquamarine prints logos, images and barcodes onto the vertical sides of a broad range of industrial packaging such as EPS chill boxes, PP or HDPE bottle crates, returnable transit packs, plastic trays and other closed loop and transit packaging. The system comprises two print modules configured to provide full colour single pass vertical printing onto opposite sides of the package with print widths of up to 120 mm (4.7 in) and a linear speed of up to 40 m/min (130 ft/min).

Integrated printing system with flexible options

The Xennia Aquamarine is supplied as a self contained unit comprising a package transport system, one or two print modules (to print on one or both sides of the package), fluid control system, optional UV curing stations, control electronics and PC. The print system can be supplied as a stand-alone unit or integrated into pack production or filling lines.

Intuitive printing and real-time customisation

Powerful integrated XenJet print software allows users to print images simply using an intuitive interface. Variable data and images can be supported to allow full colour real-time customisation down to a batch size of one, including full support for 1D and 2D barcodes.

Maximum performance with UV cure inks

The Xennia Aquamarine is recommended for use with Xennia's high performance XenInx Diamond UV cure ink. Using Diamond, the printer delivers excellent print quality with good adhesion and durability onto a wide range of non-porous substrates. This ink offers high levels of chemical and abrasion resistance and UV light fastness. Xennia also offers the facility to develop customised inks to meet specific application or substrate requirements.

- Package branding and decoration
- Stand-alone or integrated
- Variable data coding & marking



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Specifications

Fluid type	UV or solvent XenInx Diamond UV cure CMYK ink recommended
Printhead	Industrial piezo
Print configuration	Up to 120 mm (4.7 in) single pass print width onto vertical face
Print resolution	100 dpi (vertically) x up to 400 dpi (horizontally)
Throughput	Up to 40m/min (130ft/min) at 400 dpi horizontal resolution Up to 1,800 cartons per hour (for 800 mm long cartons)
Colour capability	4 colour (CMYK process colour)
Fluid control	Bulk supply with degassing and temperature control
Printhead maintenance	Automated maintenance available as an option
Software	XenJet print software with integrated user interface Variable data capability available as an option
Dimensions (WxDxH)	6.5 m x 3.0 m x 2.2m (256 in x 118 in x 87 in) (typical)
Power supply	120/230 VAC, 50-60 Hz, single phase
Optional accessories	Automated maintenance system UV lamp curing stations Variable data capability

Subject to technical modification without notice



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