XEIKON IDERA
Water-based inkjet printing solution platform for corrugated packaging

XEIKON

What happens if you take a leading digital print equipment manufacturer and the leading supplier of corrugated printing inks and plates?

YOU let them provide you the solution for industrial, food compliant water-based inkjet printing for post print corrugated.

IDERA

making corrugated packaging
EASY, ADAPTABLE and SUSTAINABLE.

*A division of **Flint**Group*

XEIKON IDERA
Highlights

FULLY INTEGRATED FOOD COMPLIANT WATER-BASED INKJET PRINTING

IDERA is a modular solution platform that brings the flexo converter:

- High throughput with a digital post print single pass printing press for uncoated and coated boards
- Top economic outlook with Xeikon food compliant water-based inkjet inks and tools to drive print performance and cost
- Automation and productivity driven by integration of best in class industry partners on pre-feeding and stacking, camera inspection, and more.
- Digital transformation capability supported by Flint Group and Xeikon expertise

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IDERA_JUN2021_EN_specs

TECHNOLOGY AND FEATURES		
Process	Post print digital single pass	
Technology	Piezo drop on demand inkjet	
Print heads	Kyocera KJ4B	
Sheet cleaning	Brushes and vacuum dust removal system	
Integrated priming unit	Anilox based primer system	
Drying tunnel	Combined hot air and infrared drying capability	
Coating unit	In-line water-based varnish	
INK SYSTEM		
Ink	Xeikon IDERA waterbased pigment ink	
Colors	Cyan, yellow, magenta, black	
Food safety	Compliant with Nestlé, EUPIA and Swiss Ordinance guidelines	
SUBSTRATES		
Sheet-fed	Coated and uncoated corrugated paperboard, pre-cut boxes	
Sheet size maximum	1600 x 2800 mm	63" x 110"
Sheet size minimum	450 x 400 mm	17.7" x 15.7"
Substrate thickness	1.5 - 11 mm	0.06" - 0.43"
PRESS THROUGHPUT		
Maximum mechanical speed	150 m/min	494 ft/min
Production average	60 - 120 m/min	196 - 393 ft/min
Print head protection	Industrially robust print head and print bar integration with warp detection system	
Print head cleaning	Automatic & manual cleaning cycles	
IMAGING		
Resolution	600 x 600 dpi	
Printing width	1080 mm (40 print heads) 1296 mm (48 print heads) 1512 mm (56 print heads)	42" (40 print heads) 51" (48 print heads) 60" (56 print heads)
Digital front-end & RIP	Caldera and Xeikon X-800 for corrugated	
Xeikon Color Services	Color management and ink profiling support	
DIMENSIONS		
Printing / Drying / Varnish	21650 mm x 5602 mm x 2530 mm	75 ft 0.36" x 18 ft 4.5" x 8 ft 3.6"
INTEGRATED PERIPHERAL EQUIPMENT		
Pre-feeder	Optional	
Stacker	Optional	
Waste separation	Optional	
Camera inspection	Optional	

Specifications are subject to change

direct. dedicated. digital.