



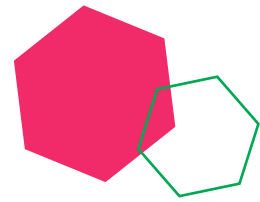
Kornit Avalanche

Optimized for mass-volume
production



Kornit
Digital
bonding
matters

Kornit Avalanche



The answer to your digital mass-production requirements

Designed to meet the high-quality, high-speed and low-cost printing demands of the garment printing market, the Kornit Avalanche offers mass production printers true parallel printing capabilities. Featuring dual-pallets, 1.5 liter bulk ink system, automatic maintenance and pretreatment systems, the Kornit Avalanche is built for 24/7 operation. Combining Kornit's advanced technology and unprecedented color gamut, users can produce outstanding quality prints in vivid colors at fast speeds.

Our revolutionary NeoPigment™ process brings the benefits of textile pigment printing to the digital world. Print on multiple light and dark fabric types, enjoy the integrated automated pretreatment process and produce consistently excellent quality prints at the lowest printing costs.

Quick facts

- Exceptionally fast print speed on both light and dark garments
- Print up to 200 light A4 garments per hour
- 24/7 non-stop production workflow
- Dual-bridge system enabling true parallel printing
- 23.5 x 35 in / 60 x 90 cm print area for XXL garments and cut pieces



Key features and benefits

- Innovative NeoPigment™ process including an integrated automated pretreatment process
- Quality printing on most fabric types in one machine with our **NeoPigment™Ink**
- Low ink price, ensuring lowest Total Cost of Ownership (TCO) and the fastest Return on Investment (ROI)
- Dual-bridge system enabling true parallel printing
- Height-adjustable industrial print heads for printing over zippers, buttons and other raised objects
- Degassing system for smooth ink flow ensuring reliability and consistency
- Web-to-print ready for quick launch of ecommerce internet-based services
- Printing area of up to 23.5 x 35 in / 60 x 90 cm for XXL garments and cut pieces
- Wide selection of pallets customized for different size garments
- Biodegradable ink and energy saving process for the most eco-friendly printing solution
- Oeko-Tex 100 safety applications for infant wear, Global Organic Textile (GOTS) and American Association of Textile Chemists and Colorists (AATCC) certified to meet the strictest industry standards





Kornit Avalanche DC PRO

Where mass volume and extraordinary quality meet the Fashion Market

The Kornit Avalanche DC Pro is the version of the Kornit Avalanche that answers the call of the fashion market. With its additional print heads and discharge system, the Kornit Avalanche DC Pro produces an unprecedented hand feel, allowing digital garment and textile printers to enter the fashion industry. Take advantage of having full control over discharge combinations with white ink. With the Avalanche DC Pro, you enjoy all the benefits of the Kornit Avalanche as well as a softer hand feel and more vivid color combinations.

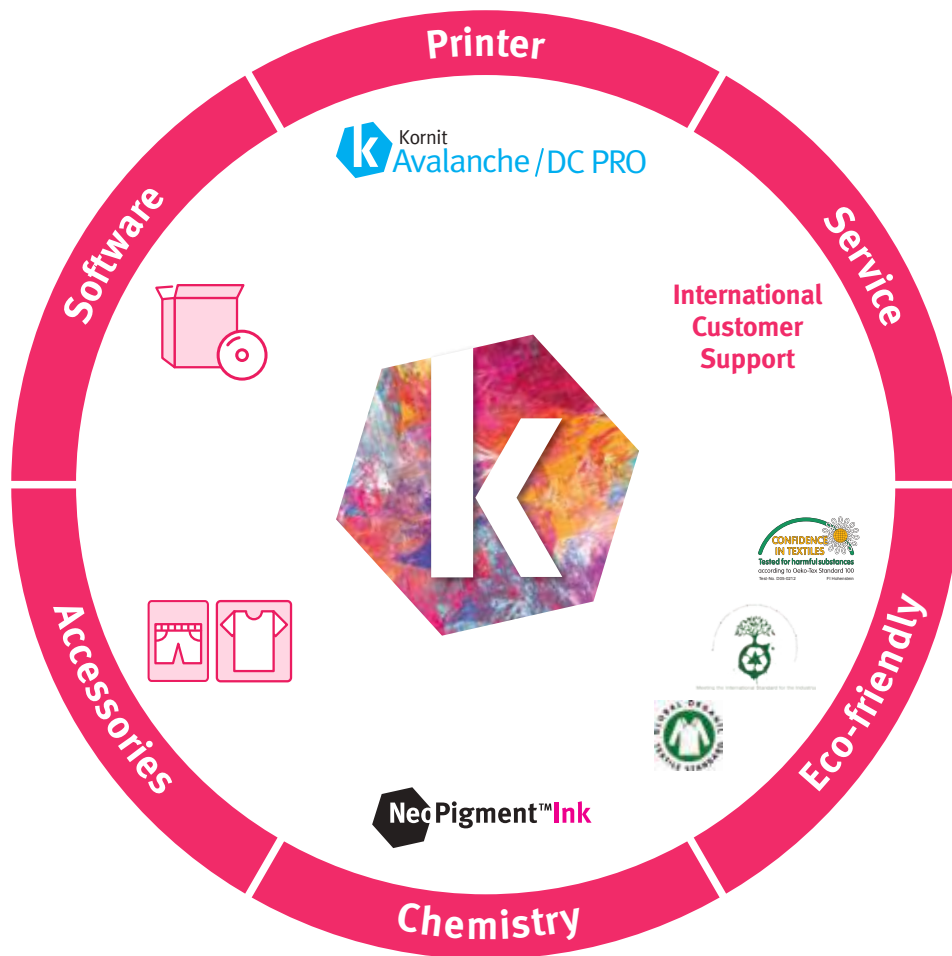
Kornit Avalanche and Avalanche DC Pro Technical Specifications

Printing Method	Direct to Garment	
Print Heads	Kornit Avalanche : Spectra Piezo electric, 12 heads, 5 colors, 256 nozzles per head	Kornit Avalanche DC Pro: Spectra Piezo electric, 14 heads, 5 colors, 256 nozzles per head
Printing Area	Up to 23.5 X 35 in / 60 X 90 cm	
Printed Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk,Leather, Denim, Linen, Wool and more	
Throughput (A4 shirts/hour)	Light garments: Up to 200, Dark garments: Up to 100	
Dimensions	138 X 91 X 67 in / 350 X 230 X 170 cm	
Weight	Approx. 2200kg	
Power Requirements	400/208 VAC, 50/60 Hz, 3 phase, 3W+N+PE	
Operating System	Supports Windows XP and Windows 7	
Operating Conditions	Temperature: 18° C – 30°C / 64.4° – 86° F. Humidity: 45%-95%	
Printing Resolution	Up to 630 dpi	



Kornit Digital's Complete Printing Solution

The Kornit Avalanche and Avalanche DC Pro are more than printers built for long-term stability. When you join the Kornit Digital family you benefit from our eco-friendly, fully integrated, complete digital printing solution. Gain from our advanced technologies, operational software packages and world-class international support. Enjoy the benefits of textile pigment printing in the digital world with our in-house developed revolutionary NeoPigment™ process. Whether you are an expanding Direct to Garment business or already at mass production level, let our extensive print portfolio and full array of services partner with you on your digital print journey.



We are

The only company that design and build printers, and develop and manufacture our own ink, pretreatment system and software specifically for the garment and textile printing markets.

We provide

The reliable, easy-to-use, low maintenance, affordable and eco-friendly complete solution that allows printing on multiple fabric types, in one machine.

So you enjoy

Cutting-edge digital pigment printing with the broadest color gamut on a wide variety of fabric substrates, with a single ink set.

Saving you

Money, time, space and resources while retaining full production control and producing phenomenal quality results.

Kornit Avalanche Quick Specs

- Print Heads - Spectra Piezo Electric, 12 heads, 5 colors, 256 nozzles per head
- Printing Area - Up to 23.5 X 35 in / 60 X 90 cm
- Throughput (shirts/hour A4) - Light: Up to 200, Dark: Up to 100
- Printing Resolution - Up to 630 dpi

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