Kornit Avalanche HD6

Kornit Avalanche Platform

Industrial printing platform for high volume and quick turnaround

Kornit Digital
bonding matters

Kornit Avalanche Platform

The leading platform for direct-to-garment printers, offering high profitability with excellent print quality and low ink consumption

- **Superior printing on multiple fabric types,** including light and dark garments

- **No need for pretreatment fluids and heat press**

- **Eco-friendly process** complies with strict industry standards

- **Patented dual-bridge architecture** for maximum efficiency

- **The perfect solution for growing production demand**

- **Ink recirculation and humidity system** for print and production consistency

- **Fully automated maintenance procedures** for seamless workflow and long-term reliability

Support agreement offering

HD Technology*

IRseries

Recirculating ink system for reduced
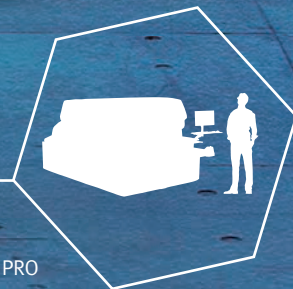cost per print and advanced reliability*

Technical Specifications

Printing Area	Up to 23.5 x 35 in/60 x 90 cm
Printable Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more
Operating System	Windows 7
Dimensions	138 X 91 X 67 in 350 X 230 X 170 cm
Max Weight	Approx. 2200 kg / 4850 lb
Power Requirements	400/208 VAC, 50/60 Hz 3 phase, 3W+N+PE
Compressed Air Pressure	6 – 8 bar (90 – 116 psi) regulated
Operating Conditions	Temperature: 18°C-30°C / 64.4°F-86°F Humidity: 45% - 65%

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Avalanche HD6

Rseries

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Ink Consumption Chart

Avalanche DC

Avalanche HDK
Avalanche HD6

* Not integrated in Avalanche DC PRO

The Kornit Avalanche platform:
3 configurations to match your exact business needs

Kornit Avalanche HDK
Exceptional cost per print for medium to large printing businesses

Kornit Avalanche HD6
Exceptional cost per print and print quality for medium to large printing businesses

Kornit Avalanche DC PRO
The only digital discharge + white solution in the market
- Excellent hand feel
- Ideal for the fashion and clothing industries

Technical Specifications

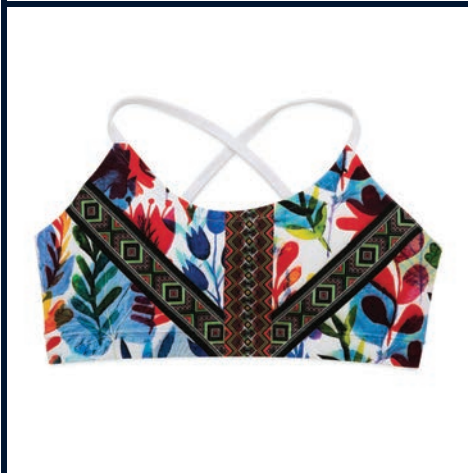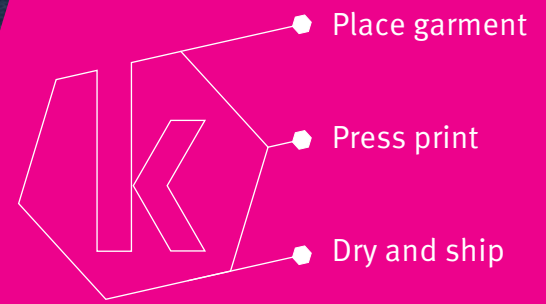|	Kornit Avalanche HDK	Kornit Avalanche HD6	Kornit Avalanche DC PRO
Maximum production output*	Dark garment : 85 (33X33 cm / 13X13 in) Light garment ≥ Dark +25%	Dark garment : 85 (33X33 cm / 13X13 in) Light garment ≥ Dark +25%	Dark garment: 75 (A4)
Ink Set:	Water-based **Kornit NeoPigment™ Eco-Rapid Ink**	Water-based **Kornit NeoPigment™ Eco-Rapid Ink**	Water-based Kornit NeoPigment™ Ink
Ink Channels	4 colors CMYK + White	6 colors CMYKRG + White	4 colors CMYK + White + Discharge
Ink Recirculation	Integrated *R series*	Integrated *R series*	N/A
Printing Resolution	1,200 dpi	1,200 dpi	630 dpi
RIP Software**	Quick P Designer / ColorGate	Quick P Designer / ColorGate	Quick P Designer
Humidity System	Embedded	Embedded	Optional as an upgrade
Customer Empowerment Service Offering	√	√	N/A

* Measured in High Productivity print mode, prints/hour, with pretreatment included ** optional

Place garment

Press print

Dry and ship

Patented integrated pretreatment

- Eliminates the need for any external pretreatment process!

- Beautifully prints on multiple fabric types, garment sizes, color combinations, and applications.

One solution. Endless possibilities.

Printing System
Solutions for businesses of any size and location

Ink and Consumables
Patented NeoPigment™ eco-friendly ink set for multiple fabric types

Workflow and Software
Comprehensive web-to-print solutions for file preparation, color management, printing, and analytics

Accessories
Multi-size pallets, upgrades, and more

Global Support*
Multilingual services including support plans, upgrades, training, maintenance, and more

Applications
Beginner to advanced-level training, support, and R&D for innovative applications

AATCC

Positive list of GOTS

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex® Standard 100
2010AN4075   AITEX

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT

For product specific certification information please contact us.

* Delivered with 6-month warranty

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