Kornit Avalanche HD6

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Kornit Avalanche Platform

Industrial printing platform for high volume and quick turnaround
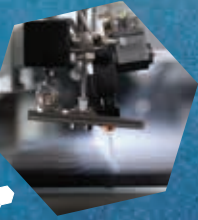
Kornit
Digital
bonding
matters

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
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%

* Not applicable in Avalanche DC PRO and Avalanche POLY PRO

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

Kornit Avalanche HD6

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

*also available in avalanche HDK configuration

Kornit Avalanche DC PRO

The only digital discharge + white solution in the market

- Excellent hand feel
- Ideal for the fashion and clothing industries
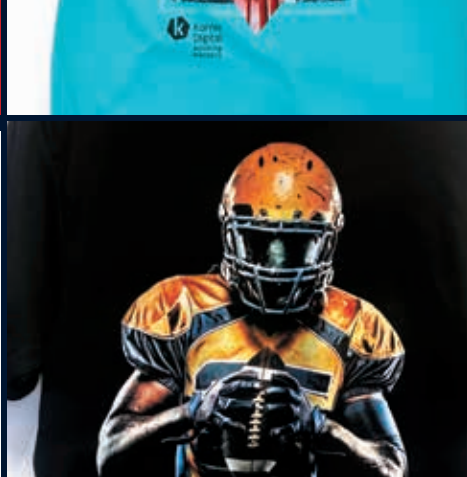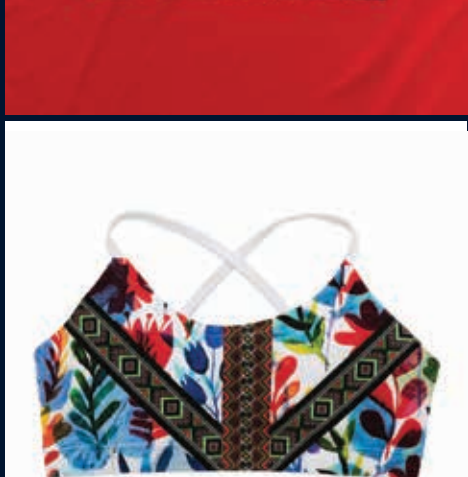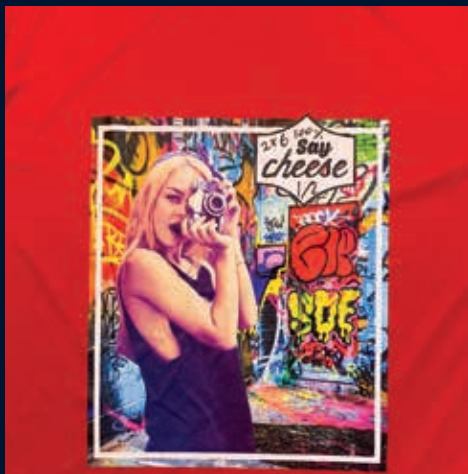
Kornit Avalanche POLY PRO

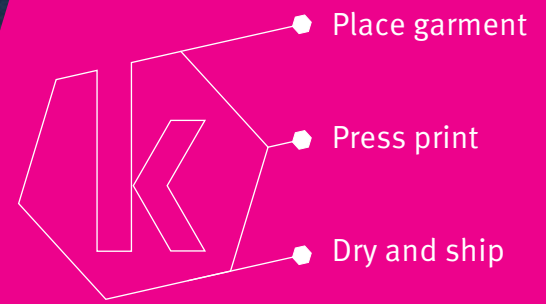### The smartest printing solution for polyester

New!

Technical Specifications	Avalanche HD6	Avalanche DC PRO	Avalanche POLY PRO
Maximum production output**	Dark garment : 130 (33X33 cm / 13X13 in) Light garment ≥ Dark +25%	Dark garment: 75 (A4)	Dark garment: 85 (A4) Light garment ≥ Dark +25%
Ink Set:	Water-based Kornit NeoPigment™ Eco-Rapid Ink	Water-based Kornit NeoPigment™ Ink	Water-based Kornit NeoPigment™ Olympia Ink
Ink Channels	6 colors CMYKRG + White	4 colors CMYK + White + Discharge	4 colors CMYK + White + Poly Enhancer
Ink Recirculation	Integrated *R*series	N/A	Integrated *R*series
Printing Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more	Polyester, Polyester Blends
Printing Resolution	up to 1,200 dpi	up to 630 dpi	up to 1,200 dpi
RIP Software***	ColorGate	Quick P Designer	ColorGate
Humidity System	Embedded	Optional as an upgrade	Embedded
Customer Empowerment Service Offering	√	N/A	√

* Avalanche HDK configuration is available with 4 colors CMYK+White ** Measured in High Productivity print mode, prints/hour, with pretreatment included *** optional

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

Production management software,
color-management, professional RIP
and web to print workflow solutions

Accessories

Multi-size pallets, curing
systems, 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

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT

Please contact us for product-specific certification information.

* Delivered with 6-month warranty

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