

A large industrial digital printing machine, the Kornit Avalanche HD6, is shown in a factory setting. The machine is dark grey with a large glass-enclosed printing area. Two printing beds are visible, each with a colorful, abstract pattern printed on a dark substrate. The machine's name and logo are prominently displayed on the front panel.

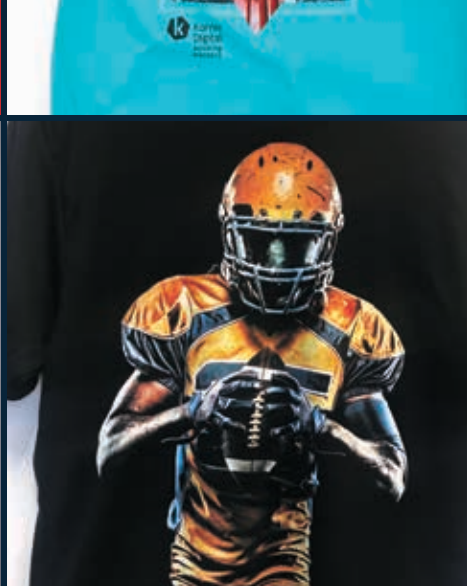
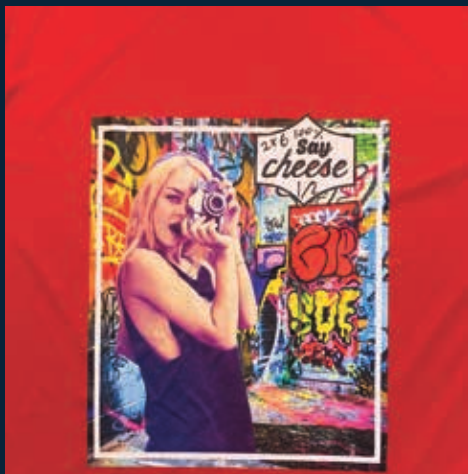
 Kornit
Avalanche HD6

 Kornit
Avalanche
Platform

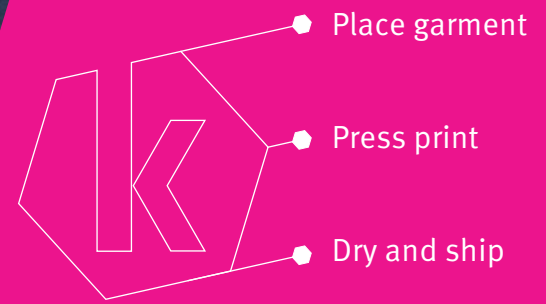
Industrial
printing
platform for
high volume
and quick
turnaround

Ball & Doggett

 Kornit
Digital
bonding
matters



Just press print:



Patented integrated pretreatment

- Eliminates the need for any external pretreatment process!
- Beautifully prints on multiple fabric types, garment sizes, color combinations, and applications.



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



Technical Specifications

Printing Area	Up to 23.5 x 35 in / 60 x 90 cm
Operating System	Windows 10
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%

HD Technology*

Rseries

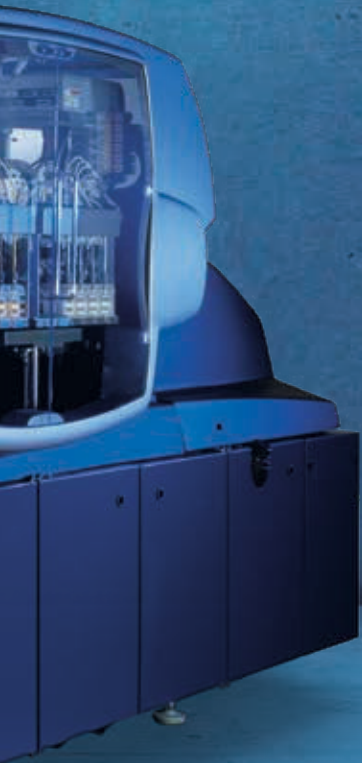
Recirculating ink system for
cost per print and advanced



* Not applicable in Avalanche POLY PRO

The Kornit Avalanche platform: 2 configurations to match your exact business needs

or reduced
ed reliability



Kornit Avalanche HD6

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

*also available in avalanche HDK configuration

Kornit Avalanche POLY PRO

The smartest printing solution for polyester

Technical Specifications

Maximum production output**

Dark garment : 90 (33X33 cm / 13X13 in)
Light garment ≥ Dark +25%

Dark garment: 85 (A4)
Light garment ≥ Dark +25%

Ink Set:

Water-based Kornit NeoPigment™ Eco-Rapid Ink

Water-based Kornit NeoPigment™ Olympia Ink

Ink Channels

6 colors CMYKRG + White

4 colors CMYK + White + Poly Enhancer

Ink Recirculation

Integrated **Rseries**

Integrated **Rseries**

Printing Substrates

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 1,200 dpi

RIP Software***

ColorGate

ColorGate

Humidity System

Embedded

Embedded

Customer Empowerment Service Offering

√

√

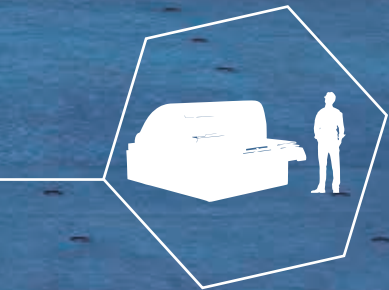


New!

Supported

Supported

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



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

Positive list
of GOTS

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT

CPSIA
COMPLIANT

Please contact us for product-specific certification information.

* Delivered with 6-month warranty

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Digital
bonding
matters

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