Kornit
Atlas MAX POLY

Polyester Printing and Beyond

The new quality standard for high-volume, on-demand direct-to-garment polyester decoration.



Kornit Digital

The Kornit Atlas MAX POLY removes technological barriers to transform on-demand polyester decoration capabilities:

Unmatched Quality

Unlock new color and design possibilities with consistent results, superior hand-feel, and durable impressions, while minimizing dye migration.

Endless Design Possibilities

A wide range of applications and designs including photorealistic images, neon designs, and 3D effects, supporting a broad range of polyester fabrics and blends.

Flexibility for Growth

Expand your product line to create new business relationships and opportunities for profit, and remain agile to adapt when market dynamics shift.

Efficient. Profitable. Versatile

Make short runs profitable with high throughput, more automation, and a single-step production process.



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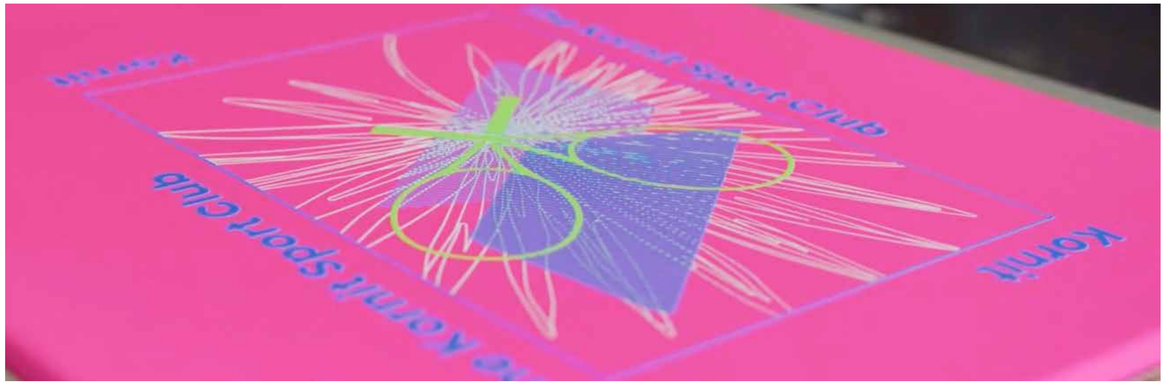
What the market says

"2020 was a breakout year for sportswear, with 42% positive economic profit contributions in the industry coming from sportswear companies and making it the largest contributor by far"

The State of Fashion 2022
Business of Fashion and McKinsey & Co.

"The global sportswear market is projected to grow from $170.94 billion in 2021 to $267.61 billion in 2028... The rising popularity of the utilization of sports apparel as fitness wear contributes to the increasing consumption rate"

Fortune Business Insights





Become a graphics all-star with bright neon color designs

- Expand your color gamut with neon colors that create a bold “wow effect”
- Create bright, vibrant impressions with digital production
- Expand your design capabilities without requiring additional editing skills

Breaking the dimensional barrier: Kornit XDi 3D decorative applications

- Be the first to offer digital 3D decorative applications that generate unique 3D effects such as: threadless embroidery, high-density, vinyl, screen transfer emulations and much more
- Break creative boundaries pushing the limits of design, dimension, and color
- Use Kornit XDi Digitizer to instantly transform 2D designs into ready-to-print 3D effects

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Main Features



- Powered by advanced patented MAX Technology
- Patented single-step solution
- Up to 90 impressions per hour with a single operator
- NeoPigment™ Olympia ink set with eco-fix fixation
- Q.fix to prevent ghosting
- Intensifier to enhance print durability
- Minimized dye migration with ProGuard
- Neon color designs
- Kornit XDi Technology available by choice
- Multi-size pallets
- Production data insights via Kornit Konnect
- ECO PASSPORT, GOTS* and bluesign® certified for NeoPigment™ Olympia ink

* Neon consumables are not supported

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Bring Your “A” Game

- Eliminate post-dryer cracking
- High-quality results on brushed polyester with Kornit’s anti-fibrillation solution
- Soft hand-feel even with ink-heavy impressions
- Ensure reliability, durability, and performance with wash-and-wipe system
- Reduce total cost of ownership with maximized system uptime and simple maintenance

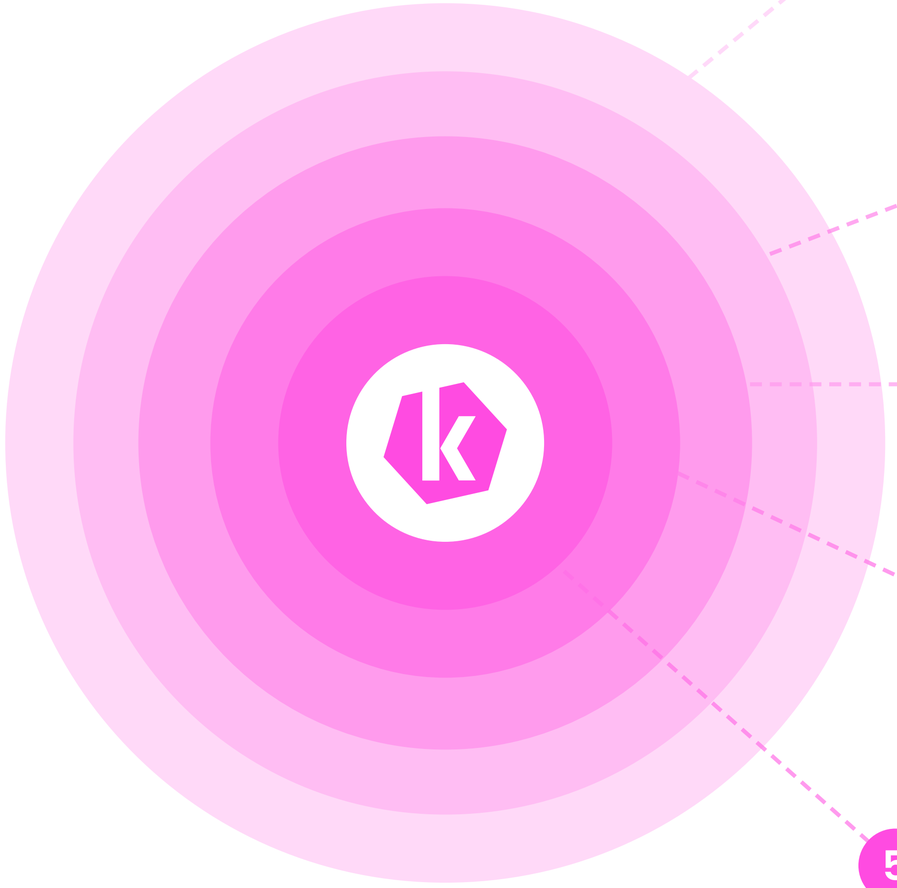
Technical Specs

Production Output	90 impressions per hour*
Ink Channels	4 colors + 2 Neon + White + PG + Q.fix + PE
Print Heads	Dimatix StarFire 1024 Twinflex
Max Print Area	60X90 cm / 23.6x35.4 in with Super Grand Pallet
Print Resolution	Up to 1,200 DPI
Ink Recirculation	Embedded
Ink Set	NeoPigment Olympia
Fixation	Neutrafix Pro
Enhancers	Poly Enhancer and Q.fix
Humidity System	Embedded
Printable Substrates	Polyester and polyester based blends
Additional Capabilities	Neon colors; Brushed polyester; XDi 3D decorations: threadless embroidery, high-density, vinyl, and screen transfer effects; Pro-Guard to treat dye migration
Operating System	Windows 10
Dimensions	8.32 X 10.95 X 5.92 ft / 2.5 X 3.3 X 1.8 m
Max Weight	Approx. 2,200kg / 4,850lb
Power Consumption	1.5 KW
Compressed Air Pressure	4-6 bar
Operating Conditions	Temperature: 18C-30C / 64.40F-86F
Wrinkle Detection System	Embedded
Konnect	Supported

* For 13”X13” (33cm x 33cm) images in Standard print mode including 10 seconds handling time

Kornit Ecosystem

Cover your bases



1 **Ink and Consumables:**
Kornit water-based NeoPigment™ ink sets enable high-performance digital printing, with pigment inks produced in-house and specifically designed for Kornit systems and print technologies.

2 **Environmental Impact**
Kornit inks and consumables are supported by recognized certifications and compliance standards, including bluesign® System Partner, GOTS, and ECO PASSPORT.

3 **Training and Support:**
Multilingual services including global support, customer empowerment plans, upgrades, beginner-to-advanced training, maintenance, and more.

4 **Applications:**
Pallets for a wide range of garment types and sizes.

5 **Global Fulfillment Network:**
Connects the world's leading brands to a managed network of fulfillers based on proximity to end customers and stores.

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