Kornit Atlas MAX PLUS

INNOVATIVE SMART PRODUCTION

Faster production. Enhanced quality. Optimized cost of ownership. Featuring the latest developments for on-demand, sustainable direct-to-garment production.

Designed specifically for industrial production, and featuring Kornit's MAX Technology. The Kornit Atlas MAX PLUS empowers you to:

❄ **CREATE ICONIC LOOK**
Reach excellent, consistent results on demand as required by leading brands. Supporting large variaty of garment types.

❄ **DRESS FOR SUCCESS**
Boost your productivity and reduce the total cost of ownership.

❄ **SIMPLE AND ROBUST**
Form a simple process with a robust industrial system, with tailored Smart curing solution.

❄ **BE A TRENDSETTER**
Gain a competitive advantage and offer a wider set of improved capabilities, including Kornit XDi 3D decorations.
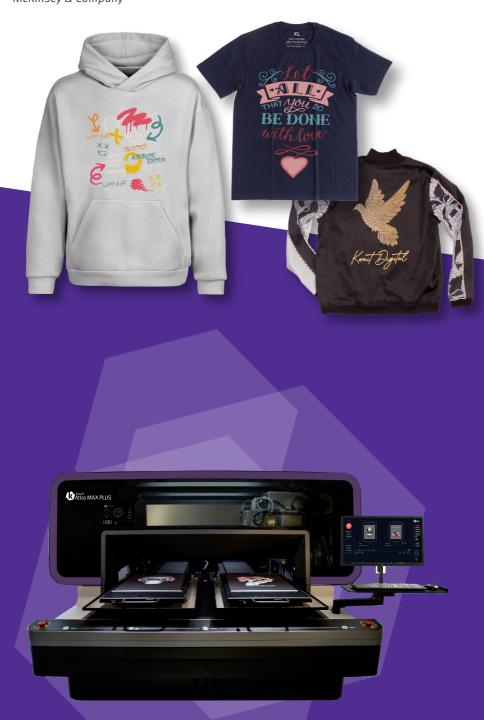
WHAT THE MARKET SAYS

❝ Textile manufacturers can create new supply chain models based around vertical integration, nearshoring, and small-batch production, enabled by enhanced digitization❞

— The State of Fashion 2023 — McKinsey & Company

❝ We move into a new era of digital textile production and the technologies that enable change❞

— Texintel

SUPPORTING THE LATEST DEVELOPMENTS

Rapid Size Shifter, Your Swiss Army Knife for Multiple Applications on Demand!

- Eliminate pallet replacement while keeping throughput.
- Quick, easy & lightweight operation, adjusting sizes in mere seconds.
- Production flexibility, pallet replacement is no longer a factor in production planning.
- Immediate enablement for new products and applications to scale and grow your business.
- Embedded neck tag application, to streamline neck tag prints quickly and easily.

Kornit QualiSet: Smart Autonomous Calibration

- Kornit's QualiSet machine vision technology makes sure your system is calibrated in key functional areas to guarantee quality and consistency.
- Consistently meet top quality standards across orders, jobs, machines, and sites at all times.
- A simple, effective process that delivers accurate results in short cycle times with minimal interruptions.

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 related to design, dimension, and color.
- Use Kornit XDi Digitizer to instantly transform 2D designs into ready-to-print 3D effects.

Kornit Smart Curing Solutions: Energy On-Demand

- Put all your production processes in perfect sync for the most efficient, reliable, seamless end-to endproduction flow.
- Kornit's smart curing is built to scale according to your business needs and future growth.
- Reducing your operational costs while delivering consistent quality and durability for a wide range of garments and applications.The best fit for Kornit's production technology.

MAIN FEATURES

- - - - - Powered by advanced MAX technology
- - - - - Eco-rapid Ink set, Q.fix and Intensifier
- - - - - Enhanced print durability
- - - - - Kornit XDi technology available per choice
- - - - - QualiSet autonomous calibration
- - - - - Rapid Size Shifter with multi-size pallets
- - - - - Kornit workflow
- - - - - Production data insights via Kornit Konnect
- - - - - Bluesign® System Partner, GOTS and OEKO TEX approved
- - - - - Compatible with Kornit Smart Curing solutions

IMPROVE EACH PART OF THE PROCESS

- Minimal setup and training
- Reduced staining on challenging fabrics
- Soft hand-feel even with ink-heavy impressions
- Advanced color-matching and a wide color gamut
- Continuous high-speed production with smart automation

TECHNICAL SPECS

Technical Specifications	
Production Output	150 impressions per hour*
Ink Channels	CMYKRG + W + Q.fix + Intensifier
Print Heads	Dimatix StarFire 1024 Twinflex
Max Print Area	60X90 cm with Super Grand Pallet
Print Resolution	Up to 1,200 dpi
Ink Recirculation	Embedded
Ink Set	NeoPigment Eco-Rapid
Fixation	Eco-Fix
Enhancers	Intensifier and Q.fix
Humidity System	Integrated
Printable Substrates	Cotton, Polyester, Cotton-Polyester Blends, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool, and more
Additional Capabilities	XDi 3D decorations: threadless embroidery, high-density, vinyl, and screen transfer effects
Operating System	Win10
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 KWh
Compressed Air Pressure	6-8 bar (90-116 psi) regulated
Operating Conditions	Temperature: 180C-300C / 64.4^{0}F-86^{0}F Humidity: 45%-65
Recommended RIP	ColorGate
Recommended WF	Kornit^x workflow
Konnect	Supported
Rapid Size Shifter	Multiple garment sizes supported including neck tag using a single adjustable pallet and raisers
QualiSet	Smart autonomous calibration
3rd Party Pallets	Action Engineering now offers approved pallets, including sleeves, leggings, hoodies, and custom sizes

* For 13''X13'' (33cm x 33cm) images in Standard print mode

KORNIT'S ECOSYSTEM

Cover your bases

Ink and consumables: Paired with Kornit's NeoPigment™ Eco-Rapid ink, Q.fix, and Intensifier for an advanced and eco-friendly industrial production on multiple fabric types.

1

Sustainability: Meets the highest environmental standards. Bluesign® System Partner, GOTS and OEKO Passport approved.

2

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

3

4

Applications: Pallets for a wide range of garment types and sizes. New: Approved pallets from Action Engineering, to get you the exact pallet you need—even customized.

5

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

**Sustainable
On-demand
Production**

www.kornit.com

Find out how to make your
production more sustainable at