

Kornit Storm II Technical Specifications

Printing Method	Direct-to-Garment
Print Heads	Spectra Piezo Electric, 8 heads, 5 colors, 256 nozzles per head
Printing Area	Up to 20" X 28" or 50 X 70 cm
Printing Substrates	Cotton, Polyester, Cotton-Polyester Blend, Lycra, Viscose, Silk, Leather, Denim, Linen, Wool and more
Throughput (shirts/hour)	Light garments: Up to 156 per hour Dark Garments: Up to 76 per hour
Dimensions	114" x 80" x 65" / 290 cm x 202 cm x 165 cm
Weight	1300 kg or 2860 lbs
Power Requirements	400/208 VAC, 50/60Hz, 3 phase, 3W+N+PE
Operating System	Windows XP
Printing Resolution	Up to 630 DPI
Operating Conditions	Temperature: 18°C - 30°C, Humidity: 45%-95%

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QuickP
DESIGNER 1.1

kornit ICS
Experts @ your service

PreT

kornit storm II



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Kornit Storm II

Industrial Direct-On-Garment Digital Printer for High-Level Production Businesses

Kornit's Storm II is the optimum solution for high-level production DTG businesses and traditional screen printers that are looking towards hybrid apparel decoration enterprises.

Its dual-pallet industrial digital inkjet printer for light and dark garments is designed to better meet your need for high production and control while ensuring smooth and seamless production.

Printing at an impressive rate of up to 156 shirts an hour, our direct to garment printer allows for high-volume production for custom print runs.

Its advanced, fully automated system is designed to be operated by one person, yet provides full control of the design and resolution for each layer with its improved capabilities for positioning different media types of up to 5 cm.



Kornit's Unique Chemical Solution

Kornit Digital's unique chemical solution makes it a leader in the digital textile industry. Kornit's inks are specially formulated to bind together with its pre-treatment solution, printing the design immediately after its application. The inks offer vivid colors, high vibrancy and an extended color gamut. Kornit's inks uphold stringent ISO standards, providing excellent wash and light-fastness.

PreT Solution - Saving time and Cutting Costs

Kornit's pre-treatment solution increases the efficiency of printing garments, saving time and cutting costs. The Wet-on-Wet solution allows the printing of the design just moments after the pre-treatment is applied, without waiting for drying. The PreT solution and Kornit's inks combine to allow the ink to fixate to the garment's fibers, creating an optimum printing result that is completely wash-resistant.

Kornit's Ink Features:

- Water-based pigment inks
- Excellent color fastness
- High elasticity and non-cracking attributes
- No need for pre-treatment
- Environmentally friendly, Oeko-tex approved

The **QuickP Designer 1.1** offers instant creation of design layouts for printing, without the need to know the intricacies of Adobe Photoshop. Design layouts - comprising of text and images - can be easily made by creating a new template, or using an existing template.

The Variable Data feature allows for quick and efficient design personalization using mass input / import of names from an XLS file.



KORNIT DIGITAL QuickP DESIGNER 1.1

- Allows more design layouts and greater usability
- Easy to use for those without Photoshop knowledge
- Variable Data feature
- Ease of startup process and modification
- Design Preview feature enables preview of design on garment

Kornit's Dedication to Green Ideology

As the leading international company for ink development, Kornit-Digital adopts the most stringent standards for protecting human health and protecting the environment. Kornit's water-based inks are heavy-metal free, formaldehyde-free and alkyl phenol ethoxyles (APE)-free. The inks meet the international standard for the industry and have Oeko-Tex approval.



Kornit Storm II Main Features & Advantages



- Advanced machine controller that enables multi-function operational reliability to dramatically improve speed
- Vibrant process color prints for light and dark garments featuring the largest color gamut available
- Capable of handling a large variety of textile applications and finished garments
- Capable of printing on large areas of up to 50 X 70 cm, optimal for XXL garments and cut pieces
- High quality non-contact printing over seams, pockets and more
- Fast turnarounds, highest profitability and lowest printing costs in the marketplace
- Non-stop production workflow that enables file loading while printing
- Optional interlace printing mode for producing completely solid surfaces and vivid images
- Integrated degassing system that enables an uninterrupted ink flow
- 1.5 liter industrial bulk ink system for high-volume production
- Innovative operating system software and user friendly interface that supports dual-pallet printing management
- Automatic pre-treatment system integrated into the machine