Kornit Allegro

With only a few minutes from file to finished fabric, and a sustainable process, Kornit Allegro is the fastest, most cost effective way to start printing on textile.

- **Ideal for fashion, swimwear, home textile**, and more!

- **No pre-or-post treatment needed!**
  - Kornit patented fixation on the fly (FOF) eliminates the need for external pretreatment process
  - Waterless printing system eliminates chemical processes and contaminants

- **All you need is a single operator and a small space,** for endless possibilities.

- **One ink set** for multiple fabric types with Hexa or Neon configurations

- **Widest color gamut** in the pigment direct-to-fabric industry

Color Fastness

	100% Cotton	100% Polyester
Washing ISO 105 C06 A2S @40c	5	5
Washing ISO 105 C06 C2S @60c	4	5
Dry Rubbing (ISO 105 X12)	3-4	4
Light Fastness - Xenon Test (ISO105-BO2)	7-8	7-8

+ 2 year warranty*

*2ⁿᵈ year based on support agreement plan

Technical Specifications

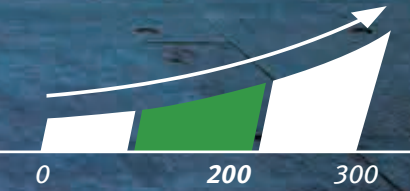|	
Ink Type	Kornit's water-based NeoPigment™ Intenso ink + Fixation agent (FOF)
Print Heads	64 recirculating print heads, 7 color channels + 1 FOF channel
Printing Width	up to 180 cm / 70.8 in
Weight	3500kg / 7716.17lb
Power Requirements	110/220V, 60/50 Hz, 40A, 3PH+N+GND 25kW
Colors	Hexa: Cyan, Magenta, Yellow, Black, Red, Green, Light Black OR Neon: Cyan, Magenta, Yellow, Black, Red, Neon Pink, Neon Yellow
Media Transportation	High precision adhesive belt conveyor system
Fabric Feeding System	Axial unwinding system with adjustable fabric width and tension mechanisms
Max Media Thickness	15 mm / 0.59 in
Max Roll Width	180 cm / 70.8 in
Max Roll Outer Diameter	40 cm / 15.74 in
Max Roll Weight	50 kg / 110.2 lb
Compressed Air	6-8 bar/ ≤ 0.4 m3/min
Dryer	ACS - Advanced Curing System
Software	Compatible with any RIP software

Print Mode	Print Resolution (dpi)	M²/h	ft²/h
High productivity	600X400 (4 passes)	183	1,970
	600X600 (6 passes)	123	1,320
Production	600X400 (4 passes)	137	1,470
	600X600 (6 passes)	94	1,011
High Quality	600X400 (4 passes)	98	1,054
	600X600 (6 passes)	67	720

Available in two configurations:
Hexa or Neon colors

Loader › Printer › ACS › Unloader
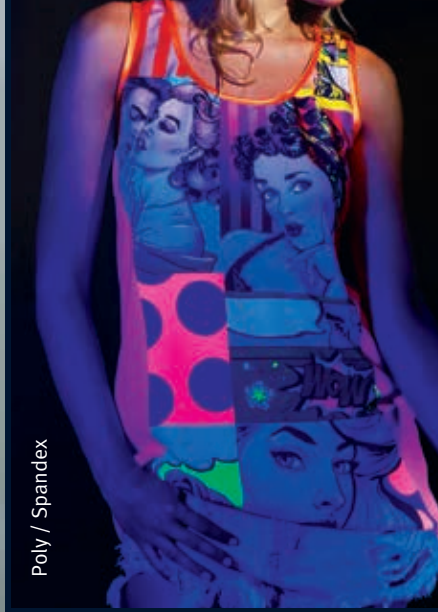
8800 mm
346.5 in

Speed Chart - m²/hour   0   200   300

Cotton Elastane

Poly / Spandex

Cotton Elastane

Polyester Spandex Tricot

Polyester

Cotton, Linen, Polyester

Cotton

Cotton, Linen, Metallic Thread

Polyester Mesh

Polyester Mesh

Traditional Textile printing:

| 1 | color Kitchen | 2 | screen engraving | 3 | printing | 4 | drying | 5 | steaming | 6 | washing | 7 | drying |

Other Digital textile printing:

| 1 | Pre-treatment | 2 | drying | 3 | printing | 4 | drying | 5 | steaming | 6 | washing | 7 | drying |

Kornit Allegro:

| 1 | Press Print! |

Kornit Allegro
Enables Micro-Factory production

| 3D | Design | 2D | Pattern | Printing Drying | | Cutting | | Sewing |

60-BRCH-1828-REV-4.0

One provider. One solution. Endless possibilities.

Printing System

Solutions for every business – regardless of size and location

Ink & Consumables

Eco-friendly ink set for multiple fabric types based on patented Kornit Neopigment™ inks

Workflow & Software

File preparation, color management, printing and analytics

Accessories

Upgrades and more

Global Support

Multilingual services including support plans, upgrades, training, maintenance and more

Applications

Beginner to advanced level training, support, R&D for innovative applications

AATCC
Positive list of GOTS
CONFIDENCE IN TEXTILES Tested for harmful substances according to Oeko-Tex® Standard 100 BD104/AAOT0 AITEX

For product specific certification information please contact us.

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Kornit Digital
bonding matters

Design to finished product manufacturing

Kornit Allegro

The only single step solution for direct-to-fabric printing

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