



The all-in-1
solution for
direct-to-fabric
printing





Cotton Elastane



Polyester Spandex



Cotton Elastane



Polyester Sateen



Polyester



Cotton, Linen, Polyester



Cotton



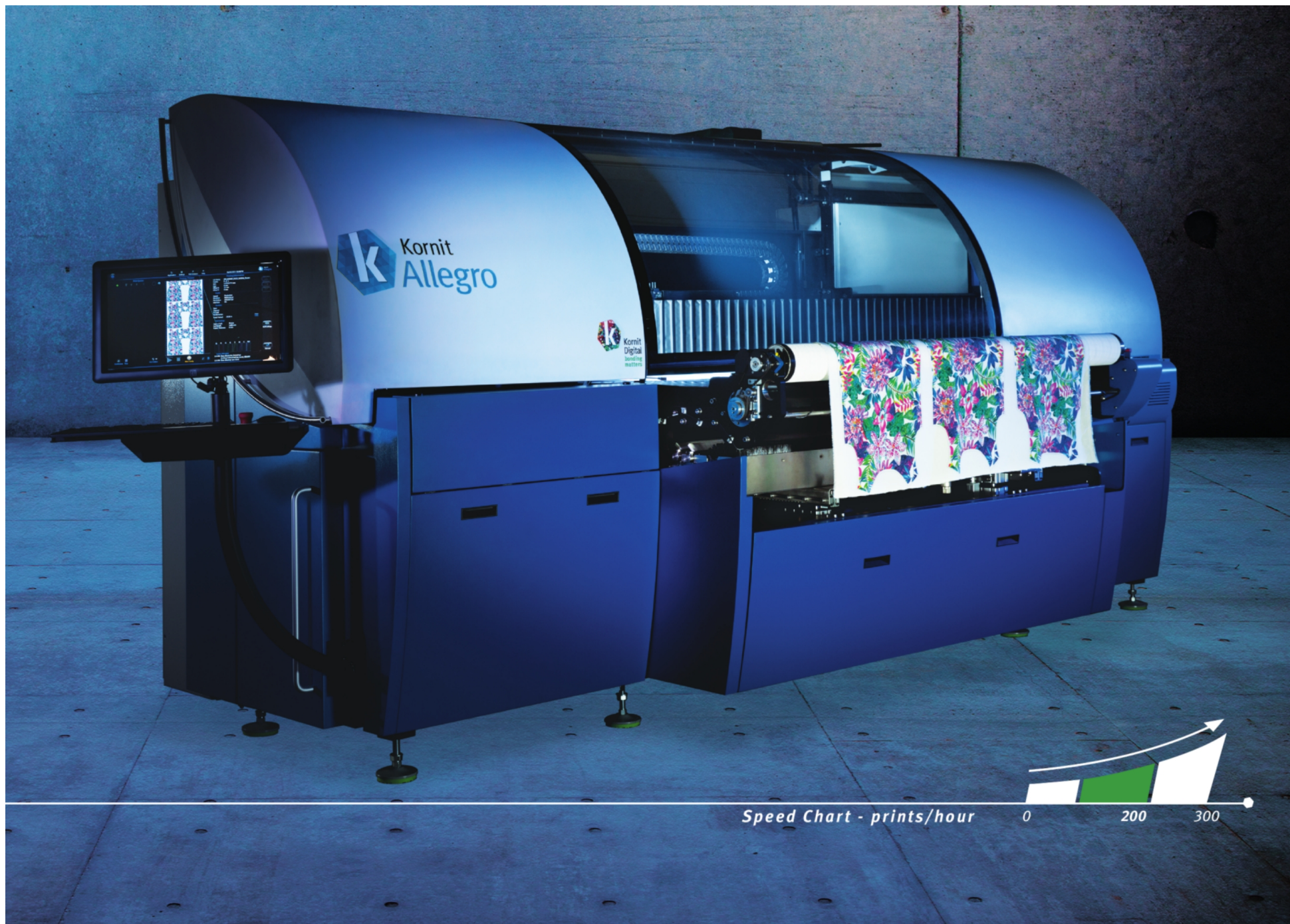
Polyester Mesh



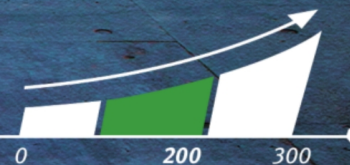
Polyester Spandex Tricot



Cotton, Linen, Metallic Thread



Speed Chart - prints/hour





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
 - No post-treatment - 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**
- **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-B02)	7-8	7-8

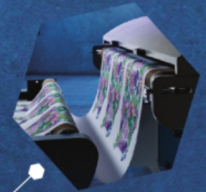
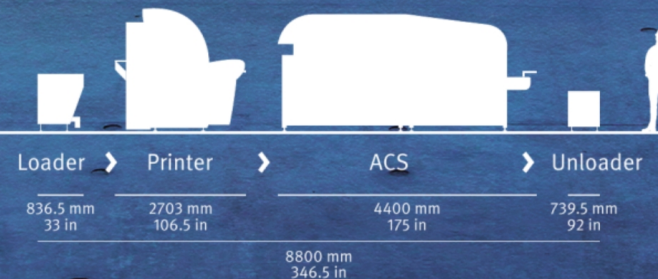
+ 1 year end-to-end warranty
Optional post-warranty contracts

Technical Specifications

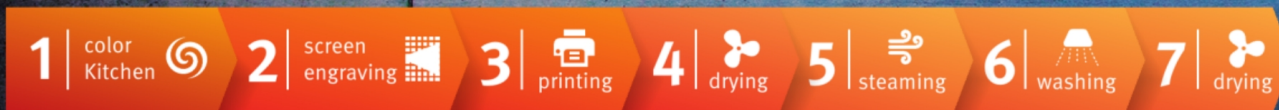
Ink Type	Kornit's water-based NeoPigment™ Intenso ink + Fixation agent (FOF)
Print Heads	recirculating Spectra Polaris, 64 Heads, 7 color channels + 1 FOF channel
Printing Width	up to 180 cm / 70.8 in
Weight	3500kg / 7716.17lb
Power Requirements	110/220V, 60/50 Hz, 40A, 3Ph+N+GND 25kW
Colors	Cyan, Magenta, Yellow, Black, Red, Green, Gray
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 m ³ /min
Dryer	ACS - Advanced Curing System
Software	Compatible with any RIP software

Print Mode	Print Resolution	M ² /h	ft ² /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

The Allegro complete printing solution:



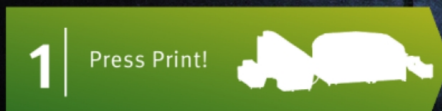
Traditional Textile printing:



Other Digital textile printing:



Kornit Allegro:



No pre/post treatment needed

Traditional direct-to-fabric printing is a long, costly process, requiring tremendous manpower with a lot of polluting chemical waste.

Our patented **Fixation on the Fly (FOF)** means fixation fluids are inkjetted through the print heads directly onto the fabric. As a result all additional steps such as pre and post treatment are eliminated.

This means a sustainable manufacturing process with significant reductions in equipment, time, and manpower costs.

Traditional Textile printing:



Other Digital Textile printing:



Kornit Allegro:



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

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



Positive list
of GOTS



More from Kornit:

For product specific certification information please contact us.



www.kornit.com

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Print quality may vary on different fabrics. These products (printers and auxiliary subsystems), their use and chemistries involved (printing inks and ink fixation reagents) are protected by one or more of the following patents and/or pending patent applications: IL 139482; USP 7,607,745; USP 7,954,921; EP 1740388; IL 177323; USP 8,292,395; USP 8,801,127; EP 2481593; EP 1893413; IL 187124; IL 143790; IL 162231; IL 179765; EP 1750945; USP 8,540,358; EP 2464697; India 185/MUMNP/2012; CN ZL201080045541.6; US 20150284905. | The data in this document was valid at the time of publishing, and is subject to change without notice. Kornit Digital reserves the right to modify its products and change their specifications at any time, without prior notice and further obligation.



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