



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

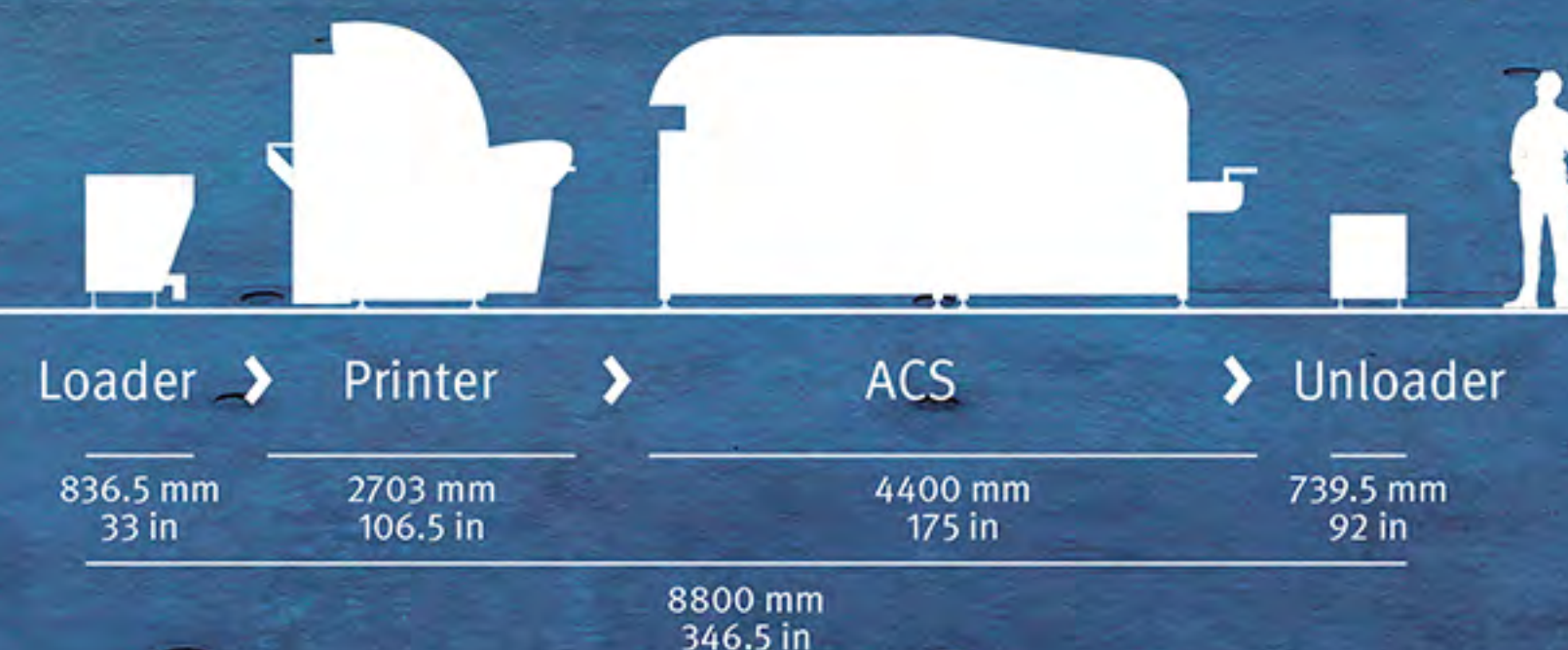
	100% Cotton	100% Polyester
Washing ISO 105 C06 A2S @40c	5	5
Washing ISO 105 C06 C2S @60c	4	5
Dry Rubbing (ISO 105 X12)	3-4	4
Light Fastness - Xenon Test (ISO105-B02)	7-8	7-8

Technical Specifications

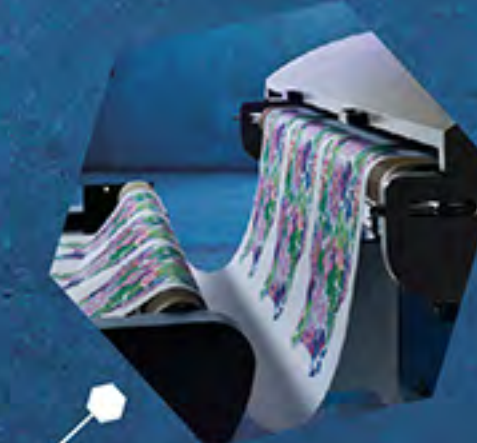
Ink Type	Kornit's water-based NeoPigment™ Intenso ink + Fixation agent (FOF)		
Print Heads	recirculating Spectra Polaris, 64 Heads, 7 color channels + 1 FOF channel		
Printing Width	up to 180 cm / 70.8 in		
Weight	3500kg / 7716.17lb		
Power Requirements	110/220V, 60/50 Hz, 40A, 3Ph+N+GND 25kW		
Colors	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 m3/min		
Dryer	ACS - Advanced Curing System		
Software	Compatible with any RIP software		

Print Mode	Print Resolution	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

The Allegro complete printing solution:



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



Speed Chart - prints/hour



Cotton Elastane



Cotton, Linen, Metallic Thread



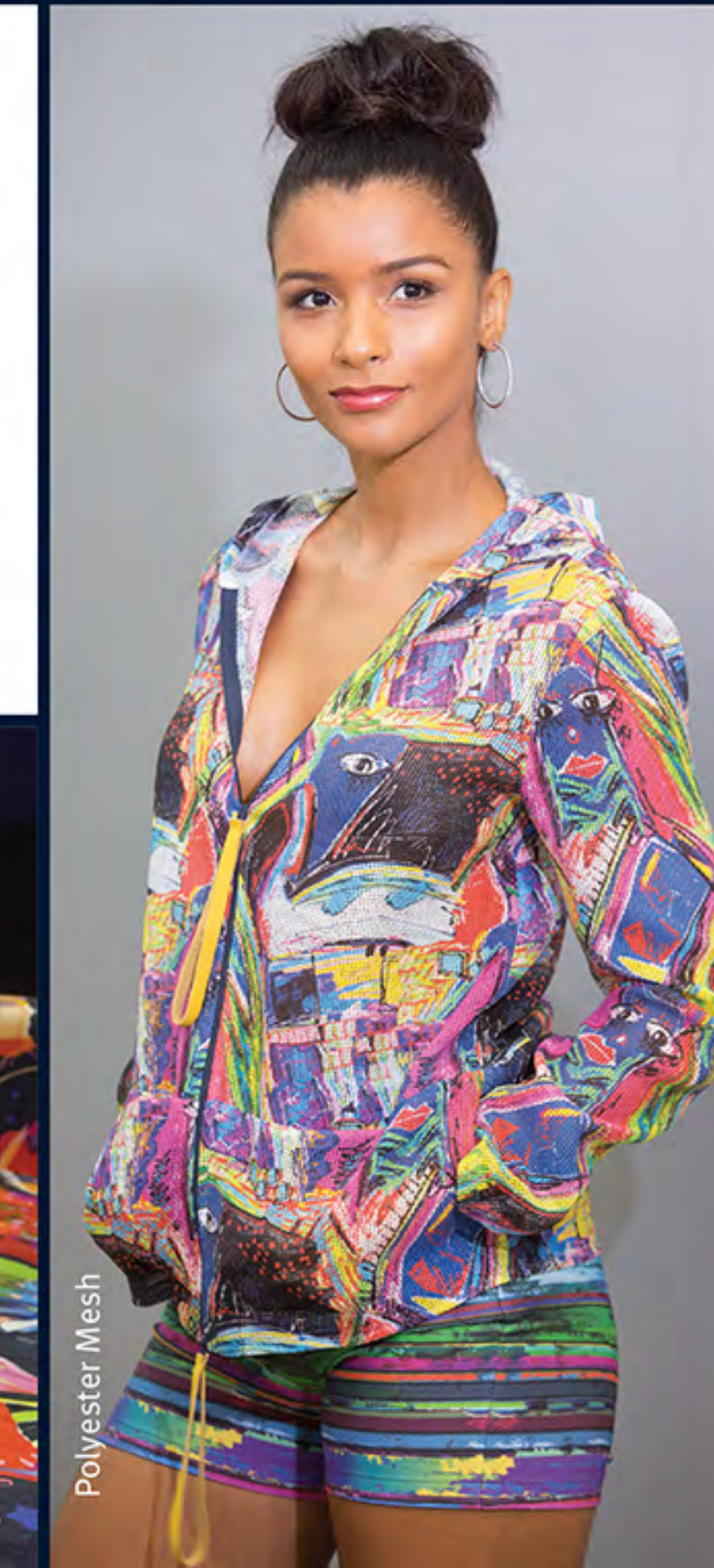
Cotton, Linen, Polyester



Cotton



Polyester Mesh



Polyester Spandex Tricot



Polyester



Polyester Satene



Cotton Elastane



Polyester Spandex



Traditional Textile printing:



Other Digital textile printing:



Kornit Allegro:



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.



60-BRCH-1828-REV3.0



Kornit Digital bonding matters

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

More from Kornit:



www.kornit.com

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



Kornit Digital bonding matters