

Specifications

Model name		Evo Tre 32	Evo Tre 16
Print	Printing Technology	PrecisionCore inkjet technology	
	Number of Print Head	32	16
	Number of Color	8	
	Maximum Print Resolution	1,200 x 1,200 dpi	
	Gradation process	Variable-Sized Droplet Technology	
	Max print width	1800mm	
Ink	Reactive	Black, Cyan, Magenta, Yellow, Grey, Red, Blue, Orange, Crimson, Ink penetration liquid	
	Disperse	Black, Cyan, Magenta, Yellow, Grey, Red, Blue, Orange	
	Acid	Black, Cyan, Magenta, Yellow, Grey, Red, Blue, Cobalt, Orange, Rubine, Ink penetration liquid	
	Pigment*1	Black, Cyan, Magenta, Yellow, Grey, Red, Green, Orange	
	Ink Capacity	10 liters	
Print Speed*2	Draft 1	692m²/h	404m²/h
	Draft 2	472m²/h	270m²/h
	Production 1	402m²/h	221 m²/h
	Production 2	312m²/h	171 m²/h
	Production 3	239m²/h	135m²/h
	High Quality 1	187m²/h	103m²/h
	High Quality 2	145m²/h	79m²/h
	High Quality 3	114m²/h	63m²/h
Fabric Handling	Fabric Drive	Conveyer belt with adhesive	
	Belt Washing	Automatic	
Standard Feeder	Fabric Roll Diameter	300mm	
	Fabric Roll Weight	100kg	
Environmental Characteristics	Temperature	Operating: 20°C - 30°C, Recommended: 22°C - 28°C	
	Humidity	Operating: 35 - 80%RH (no condensation)	
Dimensions	Printer	Approx. 4,610 (W) x 2,040 (D) x 2,070 (H) mm	Approx. 4,660 (W) x 2,390 (D) x 1,940 (H) mm
	Control Box	Approx. 700 (W) x 1,800 (D) x 2,350 (H) mm	Approx. 620 (W) x 1,220 (D) x 2,070 (H) mm
	Ink Rack	Approx. 1,240 (W) x 1,300 (D) x 1,220 (H) mm	Approx. 1,240 (W) x 1,300 (D) x 1,220 (H) mm
Weight	Printer	Approx. 3,700kg	
	Control Box	Approx. 570kg	
	Ink Rack	Approx. 380kg	
Electrical	Printer	AC 3 phase 400V 50A (50/60Hz)	

*1 Pigment ink is expected to be available within 2018.
*2 Printing speeds vary depending on such factors as image printed, firmware version, operating state of PC and print settings.
Printing resolution and printing speed must be selected according to each specific design.



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Genuine Epson GENESTA inks

8-color GENESTA inks, optimized for the Monna Lisa Evo Tre and its PrecisionCore printheads, are offered in acid, reactive, disperse, and pigment ink formulations.*

* Sales of pigment inks are scheduled to begin within the year 2018.

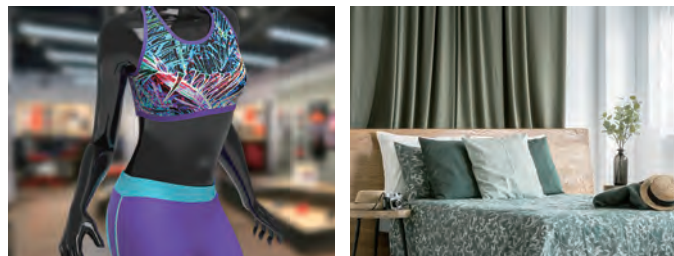
Improved tonal shading and edge definition

Superior printhead positioning accuracy and ink droplet control ensure excellent thin line reproduction and edge sharpness, with improved grain on lighter colors. And whatever the fabric or design, GENESTA inks can accurately render everything from delicate hues to bold, bright colors.



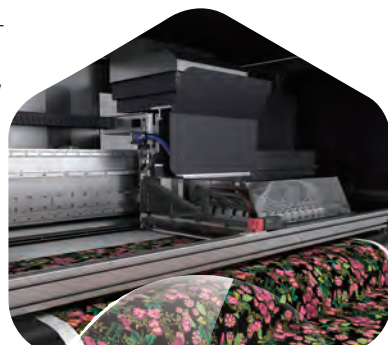
Reactive ink on cotton

Acid ink on silk



Disperse ink on polyester

Pigment ink on cotton



Epson
Digital Textile
Total Solution

Proven mechanisms

Monna Lisa Evo Tre is an evolved new version of one of the most respected textile printers in the industry.

PrecisionCore MicroTFP printhead

User-replaceable, high density printheads offer a winning combination of speed, durability, and quality.



PRECISIONCORE

Symmetrical color alignment for maximum print quality and productivity

Symmetrical color alignment ensures consistent color overlap order is maintained during bidirectional printing. As a result, color and pattern reproduction are exceptionally uniform, and even areas of solid color and fine geometric patterning can be beautifully rendered while maintaining high throughput.



Symmetrical color alignment for high-quality bidirectional printing

MONNA LISA EVO TRE

A choice of head configurations

32 head and 16 head models are offered to suit your production needs.

Easy UI for operation and maintenance tasks

Intuitive and easy to use operation panel gives operators fine control of printer and fabric settings to ensure high quality output with a wide range of fabrics and designs.



Double head-strike sensors

Optical and mechanical sensors detect folds or wrinkles in the fabric and immediately stop the carriage to prevent head strike.

Precision drive belt

A robust, high precision drive belt mechanism ensures stable, wrinkle free fabric transport.

Ink management

A dedicated management system reduces downtime by enabling hot swapping of 10L bag in box GENESTA degassed inks.

Full service solutions for digital textile printing

At our Textile Solution Center in Como, Italy, and at a new center slated to open in Japan in 2020, we offer a full range of consulting and support services. From equipment demos and sample production, to advice on pre and post-processing techniques, we provide full service support for every stage of the fabric printing process.



Textile Solution Center in Como, Italy



Proposed Textile Solution Center in Hirooka, Japan

Complies with global standards for sustainability

Epson GENESTA inks meet globally recognized standards for environmentally friendly textile printing. We are a bluesign® system partner, and have received ECO PASSPORT by OEKO-TEX® certification.

* bluesign® certification and GOTS ink approval are expected within the year 2018.

