

## Specifications

Model name	Evo Tre 32	Evo Tre 16	
<b>Print</b>	Printing Technology		PrecisionCore inkjet technology
	Number of Print Head		32
	Number of Color		8
	Maximum Print Resolution		1,200 x 1,200 dpi
	Gradation process		Variable-Sized Droplet Technology
	Max print width		1800mm
<b>Ink</b>	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
<b>Print Speed</b> <sup>*2</sup>	Draft 1		692m <sup>2</sup> /h
	Draft 2		472m <sup>2</sup> /h
	Production 1		402m <sup>2</sup> /h
	Production 2		312m <sup>2</sup> /h
	Production 3		239m <sup>2</sup> /h
	High Quality 1		187m <sup>2</sup> /h
	High Quality 2		145m <sup>2</sup> /h
	High Quality 3		114m <sup>2</sup> /h
	404m <sup>2</sup> /h		270m <sup>2</sup> /h
221m <sup>2</sup> /h		171m <sup>2</sup> /h	
135m <sup>2</sup> /h		103m <sup>2</sup> /h	
79m <sup>2</sup> /h		63m <sup>2</sup> /h	
<b>Fabric Handling</b>	Fabric Drive		Conveyer belt with adhesive
	Belt Washing		Automatic
<b>Standard Feeder</b>	Fabric Roll Diameter		300mm
	Fabric Roll Weight		100kg
<b>Environmental Characteristics</b>	Temperature		Operating: 20°C - 30°C, Recommended: 22°C - 28°C
	Humidity		Operating: 35 - 80%RH (no condensation)
<b>Dimensions</b>	Printing machine		Approx. 4,610 (W) x 2,040 (D) x 2,070 (H) mm
	Control Box		Approx. 700 (W) x 1,800 (D) x 2,350 (H) mm
	Ink Rack		Approx. 1,240 (W) x 1,300 (D) x 1,220 (H) mm
<b>Weight</b>	Printing machine		Approx. 3,700kg
	Control Box		Approx. 570kg
	Ink Rack		Approx. 380kg
<b>Electrical</b>	Printing machine		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.

### Monna Lisa Evo Tre 32 Dimensions



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## At the forefront of fashion

The industry leader in textile printing image quality



**Robust and reliable for reduced downtime and increased productivity**



Epson  
Digital Textile  
Total Solution

### 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.



### 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

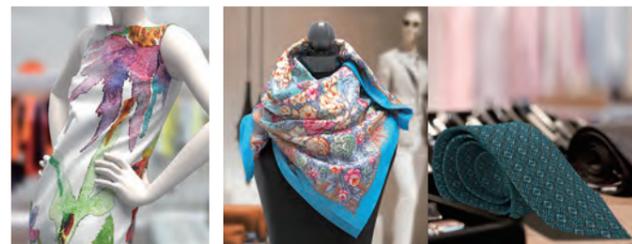
User-replaceable, high density printheads offer a winning combination of speed, durability, and quality.



PRECISIONCORE

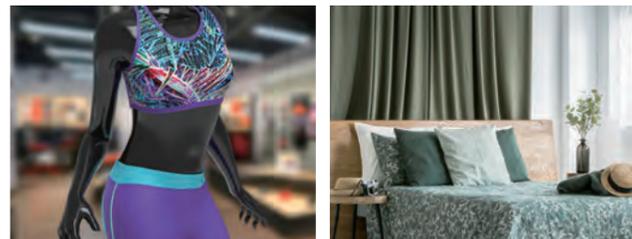
### Improved tonal shading and edge definition

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

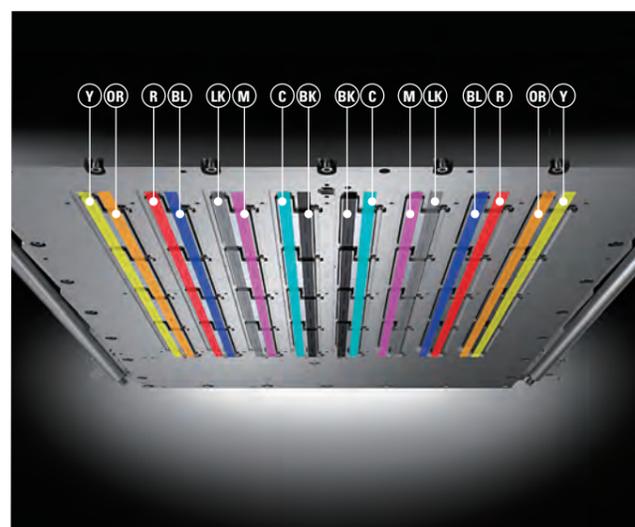


Disperse ink on polyester

Pigment ink on cotton

### 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



### 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.

