

## **LA STORIA DELLA SERIGRAFIA IN UNA INFOGRAFICA**

La storia della serigrafia e le fasi del processo di stampa raccontate in una infografica.  
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# SCREEN PRINTING

## 101

<b>30K bc</b> Earliest stencil found in Cosquer caves of France, made with hand imprints.	<b>circa 500bc</b> In Rome & Greece, stencils used for mosaics, signs. In Japan, for fabrics.	<b>960-237ad</b> In China (Song Dynasty) First screen print application with human hair.	<b>1700s</b> The term 'ink screen' is coined in Japan.	<b>1853</b> Screen print reaches Europe and USA through old trade routes.	<b>1914-1917</b> Hand painted stencils used in World War I for banners and posters.	<b>circa 1930</b> First screen print art produced by artist Guy Maccoy.	<b>1940</b> The term 'serigraphy' is coined by Anthony Velonis.	<b>1950s</b> The industry begins to explore light sensitive stencils.	<b>1960</b> Michael Vasilantone constructs a multicolour rotary screenprint machine.
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### SAMUEL SIMON

Screen-printing was first patented in England by Samuel Simon in 1907. It was originally used as a popular method to print expensive wall paper, printed on linen, silk, and other fine fabrics.



### PRINCIPLE BEHIND PRINTING

- Film positive used to expose and harden. Light sensitive emulsion
- Screen Frame stretched tightly with fabric
- Emulsion attached to fabric, exposed and developed to wash away image print area.
- Squeegee to pull the ink on the screen
- Ink "squeezed through makes print."

## LICHTENSTEIN WARHOL RAUSCHENBERG

He is most known for his oversized dot art which he, though he painted them painstakingly, wanted to appear as machine made. His work was witty and ironic, and he often used screenprinting to make his cartoon art prints. His work still serves as inspiration in contributions to pop art today.

Andy Warhol is credited for popularising screen print, changing its mass perception, and establishing his distinct style by employing it in pop art. Warhol used it to create what are now iconic posters of famous bands and celebrities like Marilyn Monroe, Elvis Presley, etc.

Cited as one of the most important forerunners of American Pop Art, he was known for transferring photographs onto canvas by means of the silkscreen process. He also experimented mixing it with lithography to create 'hybrid' prints. He used these methods make a commentary on contemporary society using the very images that helped to create that society.

### REDEFINE • COMMERCIALIZE • REVOLUTIONIZE



### modern age screen printing



**Flatbed Screen Printing**  
 An in-feed device, a glue trough, a rotating continuous flat rubber blanket, flat-bed print table harnesses to lift and lower the flat screens, and a double-blade squeegee trough.  
 Continuously washed, dried, and rotated back to the fabric in-feed area.



**Carousel Manual Printing**  
 Manually run machine can be applied into multi-color printing by multiple persons simultaneously. The screen layer and the pallet layer can rotate independently, which makes it easier for multi-color printing.  
 Automatic versions are now used in the industry too.



**Automatic Emulsion Coating**  
 Today's evolved version of the emulsion coating machine ensures maximum accuracy in all four color printing and in fine line printing. It also allows the option between one side and two side coating. Coating pressure can be adjusted individually on both sides with help of a pneumatic cylinder.

*"if it's not screen printed, it's not Screen Printed"*

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