

# TECNOFERRARI considers digital printing versus screen printing

Though many in the past printed ceramic colours with screen printing machines, the tendency today shows a preference for digital with both multi-pass and single-pass - having already seen research and development in large ceramic ink companies already creating certified inks for both automotive and home appliance sectors.

Already well-noted by TECNOFERRARI, as innovations around the new single-pass printing system gain traction among factories within the glass factor, the great benefits in high productivity are increasingly being felt among glass manufacturers.





Here the advantages of the digital process -when juxtaposed with that of screen printing- is significant, beginning with the need of a screen printing machine for continuous management by an artisanal workforce in order to avoid some productivity decrease.

Indeed the investment today in such technologies may seem somewhat high against what's allocated to any screen printing process - whereas, according to any thorough analysis, the contrary is instead indicated.

## ADVANTAGES

To detail the advantages of digital printing as compared to screen printing, these include the following:

- no screen printing frames

- no cleaning of the frames at the end of production
- no frame storage and warehousing
- no mechanical glass centring
- multiple colours printing in a single pass
- doubled productivity compared to screen printing
- edge printing with absolute precision thanks to the optical centring system
- very high print quality
- no squeegee grinding
- no machine downtime due to ink loading
- no downtime for washing
- no changeover time for production set-up
- traceability of every single piece
- remote production management
- ink consumption and production management
- possibility of multicolour printing in multiple rows.



## THE OPTION FOR PROGRESS

As demonstrated above, the advantages of digital remain indisputable - being synonymous now with economic savings, quality and productivity.

Here, finally, it is an openness to new technologies that defines the boundaries between old and new - thus generating industrial growth, expansion and a competitiveness that

will serve to only increase the industrial value of production.

**TECNOFERRARI SPA**

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