



INDUSTRY: Textiles
 PROJECT: Pick and Place
 CUSTOMER: Genesis Patterns

Over the last 30 years Genesis Patterns has grown into one of the leading suppliers of sampling products to the flooring industry. Originally supplying swatches and pattern books, the company has invested in machinery and staff to expand into the shade card sector.

THE CHALLENGE

TF Automation has worked with Genesis Patterns for a number of years designing and building a number of specialist machines to support their expansion and development plans.

Genesis had a recent requirement to automate a manual process of taking pre-cut carpet swatch samples from a strip and adhering them to "dec" boards, to create carpet sample books.

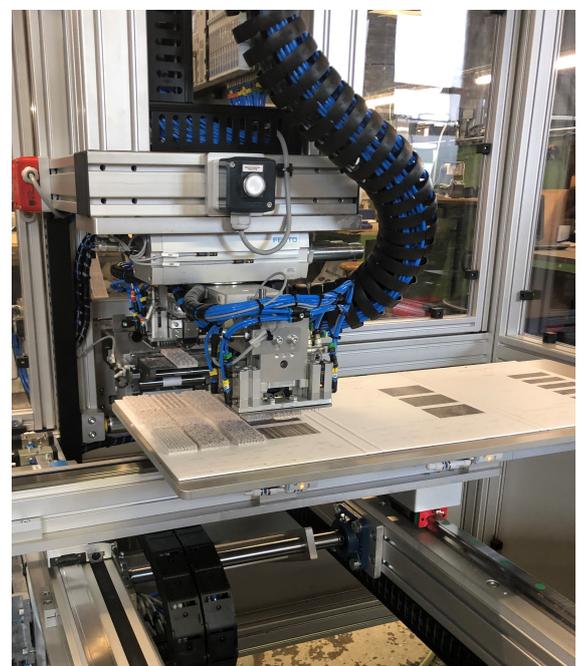


THE SOLUTION

TF Automation project engineers worked with the team at Genesis to build a machine that would de-laminate and remove the pre-cut samples from the strip and place in the exact position required on the larger board. This activity is currently carried out by hand and is open to large fluctuations in output and accuracy.

The new machine removes the individual samples from the strip and places accurately in position on the boards, ensuring precision placement and standardisation every time.

The new machine has enabled Genesis to improve productivity of this activity and enable more cards to be completed in a shorter time frame, whilst also ensuring consistency and uniformity.



GET IN TOUCH

TF Automation is a team of dedicated designers and engineers working with manufacturers across a wide range of industries on process automation projects. With over 40 years' experience, we have the ability to assess and understand the needs and requirements of each individual project and customer ensuring the optimum solution.

For more information on this and other projects, please contact the design team

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INDUSTRY SECTORS

