

Every detail matters

ANY PERIOD OF CRISIS CAN ALSO BRING SIGNIFICANT OPPORTUNITIES. HERE'S HOW TECNORESIN IS PREPARING FOR THE CHALLENGES AHEAD

by Andrea Mazzoli

The thermoplastic and thermoset injection molding industry is now characterized by strong competition locally as well as globally. Therefore, it is crucial to differentiate the offer with increasingly innovative, reliable and flexible services. Tecnoresin expertise is guaranteed by almost 35 years of experience in the field, thus the company is now considered one of the most reliable partners for some of the most important European players in thermal comfort - Ariston Thermo and Thermowatt, - and kitchen hoods - Elica and Faber. Tecnoresin is specialized in the production of small and medium-sized technical and aesthetic parts used in the household appliance, electronics, electromechanical and housewares industries. They currently have a workforce of 110 employees and a fleet of 57 presses, which, combined with a constant pursuit of quality, enables them to meet the most diverse demands in the plastic and thermosetting resin molding industry. Thanks to continuous investments in the direction of increasingly efficient automation, Tecnoresin guarantees complete control of even the most complex molding processes, ensured by flawless integration between preliminary operations - such as filling simulations, mold making and prototyping - and production and post-production operations - such as screen printing, pad printing, assembly and packaging. 50 percent of the company machines are contextualized in robotic islands, and the R&D department is constantly upgrading and currently using Moldex 3d, the leading CAE software for the plastics injection molding industry. Tecnoresin is proving to be an important benchmark in the sector, able to produce internally 30 percent of the annual mold requirement thanks to the in-house workshop. With a fleet of 4 cnc machines, one for wire EDM and one for die-sinking EDM, and quality as core business, the company is standing out for competence and effi-



Tecnoresin is located in Barbara (An)
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ciency in a constantly evolving and highly competitive sector. Quality is reflected in product control, thanks to a metrology room that covers every measurement need, and in process result, guaranteed by Iso 9001:2015 certification. "Our strategy - says Stefano Muzi, owner of Tecnoresin - is to grow in our areas of expertise and to diversify our offerings, targeting the body care, automotive and metering markets, in a national and international context. This can be achieved by focusing on innovation, attention to the smallest detail in every project and flexibility, that is the result of a continuous search for improvement in business processes and production technology." Innovation, reliability and competence are, in fact, the values on which the corporate identity of Tecnoresin is based, always oriented to overcoming the constant challenges offered by the market, with great confidence and awareness of their in-house production forces. "This improvement process," Stefano Muzi continues, "is being monitored by internal and external figures and will be enhanced by the ongoing Iatf

16949 certification that will be completed by the end of 2022. Our investments are not limited to purchasing new, higher-performing electric stamping presses and new cnc machines for mold making, but also include the construction of a new 3000sqm plant - that will allow us to expand our production and storage capacity, - and a major photovoltaic plant - to reduce the impact of the energy cost on the processing costs". "In the area of investments," concludes Stefano Muzi, "we also like to include our collaboration with small start-ups in more or less innovative sectors. As entrepreneurs, we should never forget the difficulties of starting a productive business and the importance of finding partners, who believe in our ideas, at this stage, especially when no one knows you yet."•



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