

Tekinox invests in Industry 5.0

Tekinox Srl's investment strategy has increasingly focused on Industry 5.0 and sustainability aspects, with new turning centres and machinery to help enhance the technology in its processes and investments in photovoltaic systems to increase the company's energy independence.



The Bergamo-based business' new turning centres have been a critical investment, allowing it to produce high-precision threaded components which are increasingly in higher demand as critical industries begin to seek customised parts. New to its machine portfolio are optical measuring systems and tool presetting machines, which help ensure the high-quality of its products. Additionally, a new photovoltaic system with an output of 200kW has helped to shift the company's energy supply more towards renewables. The investments, Tekinox highlights, are vital in order to keep pace with the changing industry.

"From the very beginning of our manufacturing history, quality has been the daily challenge that has allowed us to enter sensitive and demanding sectors," states Tekinox. "Technological innovation has allowed us to stay up to date, with the introduction of advanced production and measuring machines ensuring high-quality standards."

Tekinox produces turned products in a wide range of sizes from 10mm - 100mm in diameter, where production is constantly monitored to ensure product quality. Serving markets where stainless steel is in high demand, the Italian manufacturer serves many sectors, from food, marine, petrochemicals, and agriculture, to pneumatics, lighting, medical, and machinery.

In an increasingly competitive market, Tekinox outlines that investment in R&D is essential to "keep pace with the ever-growing market demands and the challenges that the future will hold". At the same time, customers are seeking more than just fastening components, with value-added services fast becoming a standard demand. Tekinox offers in-depth knowledge of stainless steels and their characteristics, as well as the ability to manage product surfaces and heat treatments.

In recent years, the raw material market, especially the steel market, has been subject to price volatility, energy costs, as well as competition from low-cost manufacturing regions. "The answer to the energy and globalised market challenges is high-quality, flexible production," Tekinox comments. "Rapid response and delivery, high-quality standards, a certified supply chain managed by European steel mills, in addition to lean and flexible production are the answer to market challenges."

Going forward, fastener manufacturing will be defined by the ability to combine quality products with technical know-how. "The future of manufacturing companies is closely linked to quality and the ability to perform complex processes. Continuous investment in technology and staff training will ensure a vibrant and satisfying future for manufacturing," concludes Tekinox. +

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