

# CUGHER and BOTTERO join forces to advance sustainability

Cugher is partner of Bottero in the development of the new 3Sun Gigafactory of Enel Green Power

In a collaboration between Bottero and Cugher, two companies that share a common innovative approach to developing cutting-edge glass processing technologies, an extraordinary chapter in the history of the solar industry is currently underway.

## 3SUN GIGAFACTORY

The inauguration of the 3Sun Gigafactory in Catania (Sicily) back in 2011 marked a significant milestone. Spanning an impressive 240,000 square metres, already at the time it stood as the largest solar panel production facility in Italy and one of the largest in Eu-

rope - boasting capacity at a whopping 160 MW. Initially established as a joint venture between Enel Green Power, Sharp and STMicroelectronics, the foremost Italian energy services provider Enel acquired the remaining shares from its partners in 2015 - thus becoming sole shareholder of the factory. That year alone, the factory produced a remarkable five million panels.

## DISTINGUISHED EXCELLENCE

By 2018, the plant had earned the distinction of being the most advanced and automated photovoltaic factory worldwide. Operating

tirelessly in a continuous cycle, 24 hours a day, 365 days a year, it set new benchmarks in efficiency and productivity. Then in 2022, the visionary Tango project emerged as a result of a financial agreement between Enel Green Power and the European Commission. The project entails an extension of the Gigafactory, scheduled for completion no later than 2024, and a tenfold increase in production capacity to a staggering 13 GW per year. The extraordinary factory will focus on the production of double-sided photovoltaic modules - showcasing exceptional performance. The official inauguration of the construction site took place on February 6. The Tango project stands as a testament



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both to Italy's technological prowess and to its unwavering commitment to renewable energy. By enabling the generation of 5.5 TWh of electricity, it will contribute significantly toward reducing carbon dioxide emissions by an astounding 25 million tons.

## MAKING COLLECTIVE INTELLIGENCE COUNT

Leveraging its expertise in glass handling, Cugher has proudly announced

its participation in this groundbreaking initiative. As a partner of Bottero, it will play a vital role in constructing the five new production lines at the Gigafactory in a collaboration that firmly establishes the company's position within the solar sector. Managing Director Barbara Mazza expresses confidence in the market's trust in the technologies being leveraged, highlighting the engineering team's remarkable flexibility in

finding ideal solutions for each sector. In 2022 the photovoltaic sector accounted for 60 percent of global growth in renewable energy. Recognizing the growing trend toward renewable energy sources, Cugher aims to contribute to this transformation by providing machinery for handling and screen printing to photovoltaic panel production companies. The company's flagship products include conveyors, stackers, print-

ing machines and corner conveyors tailored to different formats and thicknesses. With exceptional synchronization and automation of all components, these offerings ensure high production and quality levels - in line with current industry standards. Here, by embracing the opportunities presented by solar energy, Cugher reaffirms its commitment to fostering a more sustainable world.



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