



Press Release

Comau and Seabery™ unveil cutting-edge robotic welding training to expand opportunities and promote an increasingly skilled workforce

- *The dedicated solution combines Seabery's patented, augmented reality technology-based Soldamatic® simulated welding training and Comau's e.DO™ educational robot*
- *Innovative and easy-to-use, the first-of-its-kind system teaches robotic welding skills to help meet the growing demand for welding professionals*
- *Successful completion of the course leads to the acquisition of Comau's Robotics Welding License that allows students to build careers for the future*
- *The solution is immediately available for classroom use or on-the-job workforce upskilling*

Huelva (Spain) and Turin (Italy), July 7, 2022 – Comau and Seabery have joined forces to create an innovative educational training program for students and workers that allows them to practice the skills needed to become proficient and certified robotic welders. The comprehensive and scalable solution is designed to help fulfill the global demand for expert welding professionals. Industry 4.0 automation is increasing the level of skills required by welding professionals, yet robotic welding training is seldom offered at traditional welding training institutions or vocational training centers. Furthermore, a standardized robotic welding training curriculum does not currently exist. Traditional welding training and practice is also costly, time consuming and requires dedicated safety equipment. To meet these challenges, Comau and Seabery now offer a modern and state-of-the-art training method created with the Soldamatic welding simulator and the customizable, flexible, and scalable e.DO educational robot whose programmable settings respond to nearly any professional and educational requirement.



The new solution is highly efficient as it allows unlimited practice via a simulated training program that utilizes augmented reality technology to reproduce a real-life robotic welding environment. It includes a programmable teach pendant and features hundreds of welding procedures and positions to comprehensively train robot operators. The Soldamatic simulator exclusively offers Hyperreal-SIM™, a proprietary technology owned by Seabery, which is a multi-sensory training interface, including sight, sound and touch with a highly-calibrated and parameterized system, which creates the most realistic welding training experience aside from actual welding.

Available immediately as a stand-alone training program or as part of Comau's comprehensive e.DO offering, the new solution is perfect for any educational institution with a flexible curriculum and a cloud-based interface. It is well-suited for on-the-job upskilling as it can be programmed for nearly every welding procedure specification (WPS), allows the use of advanced welding joints and creates robotic welding simulations for nearly any position. As such, the Soldamatic and e.DO solution promises to be a milestone in proliferating robotics welding training, an accelerant to Industry 4.0 and a progressive step to fulfill the global gap in skilled manual labor.

"The collaboration with Seabery anticipates future training needs and reflects Comau's ongoing commitment to developing innovative, hands-on training opportunities," explained Ezio Fregnan, Comau Academy & Education Business Director. *"Thanks to the powerful combination of augmented reality and the e.DO educational robot, we are helping fill an important skills gap while empowering students with the know-how needed to pursue a career in robotics welding."*

"Soldamatic welding training simulation was invented to address the critical global shortage of welders and appeal to a new generation of welding students. With Soldamatic simulators in welding labs in more than 80 countries, robotic welding training has emerged as a clear and logical progression in our patented welding skills training. Our partnership with Comau e.DO is an opportunity to amplify our robotic welding training solution by partnering with the leader in industrial automation who is also equally passionate about promoting modern, interactive and effective educational tools for younger generations", affirmed Ignacio Zalvide, Product Management Director, Seabery.



ABOUT COMAU

Comau, a member of Stellantis, is a worldwide leader in delivering advanced industrial automation products and systems. Its portfolio includes technology and systems for electric, hybrid and traditional vehicle manufacturing, industrial robots, collaborative and wearable robotics, autonomous logistics, dedicated machining centers and interconnected digital services and products able to transmit, elaborate and analyze machine and process data. With over 45 years of experience and a strong presence within every major industrial country, Comau is helping manufacturers of all sizes in almost any industry experience higher quality, increased productivity, faster time-to-market and lower overall costs. The company's offering also extends to project management and consultancy, as well as maintenance and training for a wide range of industrial segments. Headquartered in Turin, Italy, Comau has an international network of 6 innovation centers, 5 digital hubs, 9 manufacturing plants that span 13 countries and employ 4,000 people. A global network of distributors and partners allows the company to respond quickly to the needs of customers, no matter where they are located throughout the world. Through the training activities organized by its Academy, Comau is also committed to developing the technical and managerial knowledge necessary for companies to face the challenges and opportunities of Industry 4.0.

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ABOUT SEABERY

Seabery Augmented Technology is the worldwide leader in simulated welding educational solutions, powered by augmented reality technology. Seabery aspires to evolve and power educational institutions and industrial sectors from traditional educational models to safe, effective and efficient, digitized training methods to prepare the skilled labor force of the 21st century. Soldamatic training methodology is currently implemented in more than 80 countries in both education and industrial training. Powered by the proprietary system of Hyperreal-SIM™, Soldamatic training provides a multi-sensory experience and the most realistic welding training aside from real-life welding. Soldamatic has been awarded The Best Augmented Reality Application in Education at the Auggie Awards, Silicon Valley, California, 2017. Seabery Augmented Training was awarded The Best Spanish SME of the Year by the Spanish Chamber of Commerce in 2021.

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