



COMAU UNVEILS THE “RACER-5 SENSITIVE ENVIRONMENTS”: A CLEANROOM-CLASSIFIED, ELEMENT-RESISTANT HIGH SPEED INDUSTRIAL ROBOT

- Racer-5 SENSITIVE ENVIRONMENTS is expressly designed for harsh settings with high risk of contamination, as found in Pharma and Cosmetics, Electronics and Food&Beverage
- It combines a ruggedized element-resistant shell with flexibility, high repeatability, and Comau-proven accuracy
- IP67 rated in all installation positions and ISO Cleanroom classification by Fraunhofer, it offers dependable protection from water, chemical agents and other contaminants
- With NSF H1 food grade lubrication and a high gloss painted surface, the newest Comau robot is safe for direct contact with any type of food

Grugliasco (Turin), July 12, 2022 - Comau introduces its new RACER-5 SENSITIVE ENVIRONMENTS (Racer-5 SE), a high-speed industrial robot designed for the special and sensitive settings that characterize the pharmaceutical, health & beauty, food & beverage and electronics industries. Featuring a protective water, heat and grease-resistant coating, the ruggedized 6-axis articulated robot fully responds to the demand for IP67 certification, high-grade ISO 5 Cleanroom classification (ISO 14644-1), protection from chemical agents and the need to reduce the risk of contamination. It also has NSF H1 food grade lubrication. Further benefits of the dedicated robot include reduced operator risk when working with potentially harmful chemicals and substances, as well as increased productivity, traceability, and quality.

Racer-5 SE addresses the specific need for speed, accuracy and repeatability within cleanrooms and other sensitive environments. The result of an intensive design process based on the study of forms and attention to detail, it has compact dimensions, 5 kg payload, an 809 mm maximum reach, and a high-gloss, ruggedized element-resistant shell. Racer-5 SE can be used on a tabletop, inclined, or mounted on a wall or ceiling, allowing it to easily automate applications with stringent requirements such as the handling of pharmaceuticals in sterile filling rooms or the certified cleanroom assembly of microelectronics, while reducing overall operating costs. Furthermore, Racer-5 SE is well-suited for the food and beverage industry, given that its white painted surface is approved for direct contact with all types of food (Reg Eu 1935/2004, Reg Eu 10 /2011





and Reg Eu 1895 /2005) and the IP67 rating protects it from peroxide, chlorine, alcohol and other aggressive cleaning agents.

Fitted with stainless steel screws and covers, Racer-5 SE can be easily cleaned and decontaminated as often as needed, helping increase product quality and reduce the potential for human-related error or contamination. It is also one of the fastest robots of its kind. And because the electrical and air connectors and fittings are located outside the production zone, the robot enjoys greater agility while minimizing the risk of damage. All this enables Racer-5 SE to ensure higher production quality, better performance, quicker cycle times and reduced capital expenditures.

“Our new Racer-5 SE combines efficiency and technical excellence with the features and functionality required for effective application within sensitive settings,” explains Nicole Clement, Chief Marketing Officer at Comau. *“We expect the adoption of Robotics in Sensitive Environments to grow significantly in the next coming years, largely driven by increasing automation in fast-growing industries such as food & beverages, pharma, plastic & chemicals and electronics”.*

Made entirely in Comau - Turin (Italy) - Racer-5 SE has a rigid construction to ensure higher precision and repeatability. It has been tested and certified for cleanroom compliance by Fraunhofer, and is available in two different 5 kg payload configurations, with a reach of 630 mm and 809 mm.





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.

www.comau.com

Press Office - Headquarters

Giuseppe Costabile

giuseppe.costabile@comau.com

Mob. +39 338 7130885

Burson Cohn & Wolfe - UK

Alex Campbell-Moffat

alex.campbell-moffat@bcw-global.com

Mob. +44 798 563 6779

Mark Sands

mark.sands@bcw-global.com

Mob. +44 797 990 4401



www.comau.com