



COMAU'S NEW RACER-5 COBOT DELIVERS HIGH-PERFORMANCE COLLABORATIVE ROBOTICS AT INDUSTRIAL SPEED

- Racer-5 COBOT combines flexibility and collaborative safety features with high repeatability and accuracy
- The new collaborative robot can automatically switch from industrial robot speed to collaborative speed when a human operator enters its working area
- Reduced cycle times and improved quality ensure better productive throughput
- Compact, barrier-free operations grant a smaller footprint and lower safety costs
- The versatile solution improves ergonomics while optimizing human-robot collaboration and process flows

March 17, 2021 – Comau introduces its RACER-5-0.80 (Racer-5 COBOT), a new paradigm in collaborative robotics which meets the growing demand for fast, cost-effective cobots that can be used in restricted spaces and in different application areas. Countering the belief that collaborative robots are slow, Racer-5 COBOT is a 6-axis articulated robot that can work at industrial speed up to 6 m/s. With a 5 kg payload and 809 mm reach, it ensures optimal industrial efficiency while granting the added benefit of safe, barrier-free operations. Furthermore, the cobot can instantly switch from a collaborative mode to full speed when operators are not around, letting its 0.03 mm repeatability and advanced movement fluidity deliver unmatched production rates.

Racer-5 COBOT enables systems integrators and end users to automate even the most sophisticated manufacturing processes without sacrificing speed, precision or collaborative intelligence. With this powerful industrial robot operating in dual modes, our customers are able to install a single, high-performance solution rather than having to deploy two distinct robots. With advanced safety features fully certified by TÜV Süd, an independent and globally recognized certification company, the cobot can be used within any high-performance line without the need for protective barriers, which effectively reduces safety costs and floorspace requirements. Racer-5 COBOT also features integrated LED lighting to provide real-time confirmation of the workcell status. Finally, electrical and air connectors are located on the forearm to grant greater agility and minimize the risk of damage. All this enables Racer-5 COBOT to ensure higher production quality, better performance, faster cycle times and reduced capital expenditures.





PRESS RELEASE

“Our new Racer-5 COBOT delivers the speed and precision the small payload collaborative robotics market was missing,” explains Pietro Ottavis, Comau Chief Technology Officer. “We estimate the global market for compact collaborative robots to reach a 5-year CAGR of up to 45%, which will largely be driven by the global need to reduce process complexity and eliminate non-value-added activities. By adding advanced safety features to our top-selling Racer-5 industrial robot, we have created a fast, reliable and user-friendly cobot that can be used in any situation where cycle times and accuracy are paramount.”

Made entirely in Comau (Turin, Italy), Racer-5 COBOT has a rigid construction that facilitates higher precision and repeatability year after year, making it particularly suitable for assembly, material handling, machine tending, dispensing and pick and place applications within the automotive, electrification and general industry sectors. In addition, the compact cobot can be easily transported and installed almost anywhere, helping our customers optimize their processes and protect their investment.



www.comau.com

Made in Comau



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 7 innovation centers, 5 digital hubs, 8 manufacturing plants and employs more than 9,000 people in 14 countries. 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

Gianluca Lombardelli

gianluca.lombardelli@bcw-global.com

Tel. +39 02 72143501

Mob. +39 335 7841708

Cristina Gobbo

cristina.gobbo@bcw-global.com

Tel. +39 02 72143543

Mob. +39 340 6994601

Francesca Cesa Bianchi

Francesca.cesabianchi@bcw-global.com

Tel. +39 02 72143589

Mob. +39 342 0101635



www.comau.com