



COMAU LAUNCHES INNOVATIVE WEARABLE HUMANUFACTURING SOLUTIONS AT AUTOMATICA 2018

June 19, 2018, Munich – Comau is taking digital-driven HUMANufacturing to a whole new level with powerful virtual and wearable technologies designed to increase productivity and quality within the evolving smart factory paradigm. The global leader in advanced industrial automation solutions will launch a wearable exoskeleton capable of assisting the upper body movement during daily and repetitive tasks. Lightweight, highly breathable and as comfortable as a second skin, the MATE *Fit for Workers* exoskeleton will make its worldwide debut at Automatica (**Stand 331 - Hall B5**) in Munich from June 19-22, 2018. This is simply the first step in wearable technologies for Comau; there will be more to come.

During the international trade fair for Automation and Mechatronics, Comau will show important technological innovations related to digitized virtual environments, real-time analytics and generative design solutions that allow companies to streamline their processes, improve their flexibility and minimize production losses. Comau will also treat visitors to a “**HUMANufacturing Tech Experience**” by creating an interactive 360° virtual tour of the digital production and collaborative robotic applications the leading industrial automation solutions provider is deploying across Europe within Industry 4.0 factories. The approach leverages 45-years of manufacturing experience and technological competence to close the loop between virtual and reality, and could only be done by a global leader such as Comau.

A concrete example of this strategy is seen in the virtual application of digital twin, which uses advanced software to mirror a manufacturing line and collect, analyze and process data in order to optimize complex processes and production scenarios. In addition, e.DO, the small, modular articulated open-source robot for the educational, consumer and light industry applications will be remotely commanded via hand and finger motion input. The compact robot is also a key part of Comau’s innovative educational platform for students, teachers and industry professionals.

Finally, Comau will demonstrate how the full integration of its robotic arms with CNC software allows seamless process synchronization without the need for a separate robot controller. The company will also show how its modular, scalable and re-configurable autonomous mobile robot – the Agile1500 – responds to the growing demand for flexible and customized production capabilities.





Known for its innovation and an open-engineering approach, Comau's products and enabling technologies increasingly support interconnected digital environments in which people and robots work safely in close proximity and 'intelligent' industrial machines work efficiently and autonomously while interacting within a networked production system. Furthermore, as the name HUMANufacturing expresses, the company sees people as the key protagonists of the entire production process, aided by cutting-edge, digital tools.

*"Automatica is the perfect venue to showcase new wearable productivity tools and digital transformation solutions," explained **Mauro Fenzi, Comau CEO**. "As visitors will see, Comau has not only strengthened its portfolio of factory-proven automation solutions and enabling technologies, we are increasingly focused on digital-oriented services, to support highly individualized and highly efficient production for companies of all sizes. From the collaboration between people and robots, to the use of enabling technologies for the smart factory, the contribution of man is at the heart of the production process throughout Comau's entire HUMANufacturing path."*





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PRESS RELEASE

About Comau

Comau, a member of the FCA Group, is a worldwide leader in delivering advanced industrial automation products and systems. Combining innovative engineering solutions with enabling technologies, Comau helps companies leverage the full potential of digital manufacturing.

In addition to a vast range of modular, flexible and highly-configurable products, Comau offers interconnected digital service solutions able to transmit, elaborate and analyze important machine and process data, thereby increasing efficiency for smart manufacturing. The full portfolio includes: joining, assembly and machining solutions for traditional and electric vehicles, robotized manufacturing systems, a complete family of robots with extensive range and payload configurations, autonomous logistics, and asset optimization services with real-time monitoring and control capabilities. The offering also extends to project management and consultancy, IoT services, and maintenance and training for a wide range of industrial segments.

Headquartered in Turin, Italy, Comau has over 45 years of factory-proven experience and an international network of 32 locations, 14 manufacturing plants and 5 innovation centers that span 14 countries and employ more than 9,000 people. A global network of distributors and partners allows the company to respond quickly to the needs of customers of all sizes, no matter where they are located throughout the world. Comau is also committed to improving human - machine collaboration by developing competencies through the formation of individuals and groups as part of its open automation approach. This includes hands-on training programs by Comau Academy that develop the technical and managerial competencies necessary to face the challenges and opportunities of Industry 4.0.

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