



MATE, the new Comau exoskeleton, at the Ambiente Lavoro Tradeshow in Bologna

Turin, October 15th, 2019 - From 15 to 17 October, as part of the Ambiente Lavoro 2019 tradeshow (Working Environment) held at Bologna Fiere, at Stand B40, Hall 22 attendees can personally experience the many benefits of using MATE “Fit for Workers”, the exoskeleton created by Comau that reduces muscle fatigue during work, thus affecting one of the potential risk factors attributed to musculoskeletal disorders.

The use of MATE increases the well-being of the worker by reducing fatigue and can lead to an increase in the quality of work thanks to the constant movement assistance during manual and repetitive activities. In fact, MATE is the only commercially available passive device for upper limbs capable of reproducing the physiological movement of the shoulders, providing support that gradually accompanies the movement of the operator. The Comau wearable exoskeleton uses an advanced passive structure that ensures extremely effective support, without the need for batteries, electric motors or other devices subject to failure. MATE is also lightweight, breathable and washable.

Initially designed for operators working under a car chassis, whose arms are raised for a long period time, applications for the Comau exoskeleton applications can be employed in many other industrial sectors.

Commercialized by Comau, MATE was developed in collaboration with ÖSSUR, a leader in non-invasive orthopedic devices, and IUVO, a spin-off of the Institute of BioRobotics (Scuola Superiore Sant’Anna), which specializes in wearable technologies. A core aspect of this collaboration is the joint desire to advance and evolve the collaboration between man and machine, in different sectors, including biomedical, industrial production and the consumer market.

At Ambiente Lavoro 2019, it will be possible to experience live the multiple benefits of MATE in the risk area of the test zone. Moreover, for the first time an evaluation App will be shown that analyzes the workstations and quantifies the benefit obtained with the use of MATE for each of them.





About Comau

Comau, a member of the FCA Group, 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 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, 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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