



COMAU LAUNCHES A REVOLUTIONARY HEMMING PROCESS FOR LIGHTWEIGHT AND ELECTRIC VEHICLE MANUFACTURING

Grugliasco (Turin), March 21, 2019 - Comau, a global leader in advanced industrial automation, is taking a quantum step forward in digital-enabled solutions for lightweight and electric vehicle manufacturing with its **new robotic roller hemming process**.

Fast, flexible and extremely precise, **Smart Hemmer is a highly compact, symmetrical roller hemmer able to hem any complex joint**. It is the perfect solution for the new generation of electric, hybrid and traditional lightweight vehicles as it is designed to allow automakers to join dissimilar materials using a cold process that grants complete control throughout the process.

Smart Hemmer addresses the dual market requirements of increased efficiency and accuracy. Its innovative design features two flexible rollers in which the linear roller can automatically disengage when encountering obstacles or a curved path and avoids the costly and inflexible fixed anvil, apparent in all traditional roller hemming processes. As a result, Smart Hemmer can perform curved path hemming and manage complex angles as part of a single, continuous process. Smart Hemmer is also able to maintain a constant hemming thickness even when encountering multiple layers of dissimilar materials

The result is an **Industry 4.0-compliant hemming head**, jointly developed by Comau and a world-class automotive manufacturer, offering high reliability, inherent flexibility and complete process control while ensuring the geometric uniformity of the assembled parts.

“Comau’s newest hemming solution features a revolutionary design that renders it extremely fast and efficient for lightweight and e-vehicle manufacturing, while eliminating the costly attributes of the product as well as the associated production process,” explains **Giovanni Di Stefano, Head of Process Technologies**, *“The Industry 4.0 compliant solution lets automakers to innovatively join components together with full in-process monitoring of the joint.”*

Field-tested and validated by major European automakers, **Smart Hemmer is a standardized product that can be applied to all vehicle architectures** and compliments the complete array of similar technologies developed by Comau in the cold joining environment. It is available immediately at a global level.





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.

www.comau.com

**Press Office Contacts:
Headquarter**

Giuseppe Costabile
Public & Media Relations
giuseppe.costabile@comau.com
Tel. +39 011 0049670
Tel. +39 338 7130885

**Press Office Contacts:
Burson Cohn & Wolfe**

Gianluca Lombardelli
gianluca.lombardelli@bcw-global.com
Tel. +39 02 72143501
Tel. +39 335 7841708

Luca Cigliano
luca.cigliano@bcw-global.com
Tel. +39 02 7214 3513
Tel. +39 348 4599956

Donatella Ierardi
donatella.ierardi@bcw-global.com
Tel. +39 02 7214 3516
Tel. +39 345 1154099

