# The Power of Automation



#### **About Comau**

Comau is a leading global technology company that specializes in industrial automation and advanced robotics. With over 50 years of experience and a strong international presence, Comau has been headquartered in Grugliasco (Turin) since its founding.

As part of its continuous commitment to innovation and highlevel training, **Comau** offers its customers and partners a **wide range of technologies supported by digital solutions and artificial intelligence.** These technologies are applicable in numerous markets ranging **from traditional automotive to emerging fields such as hydrogen production and automated warehouses.** 

### **Strategically Located Close To Clients**

We can support key industry players worldwide



Industrial heritage, global network and diversified capabilities



#### **Business Areas**

#### **E-Mobility**

COMAL

Automation solutions for electric mobility ranging from batteries (cell activation to module and pack assembly, including next-generation batteries such as solid-state, and solutions for battery disassembly and reuse) to electric motors/transmissions.

Multiple major projects with Tier One players and Gigafactory clients.

#### Mobility

With a full portfolio of process technologies that support the entire production chain in the automotive sector. We continue to have strong ties with traditional car manufacturers, emerging companies, and component suppliers.

Among the Top 5 Body-in-White automation providers in the auto industry.





## Advanced Automation Solutions & Robotics – AAS

A wide portfolio of proprietary products, including industrial robots, collaborative robots, mobile and wearable robotics, as well as AI-enabled vision systems and cognitive applications.

**Delivering advanced automation solutions across diverse sectors:** aerospace, naval, logistics, automated warehouses, food, pharmaceutical, hydrogen production/ utilization, and renewable energies.

#### **Academy & Education**

Programs for the development of technical, managerial skills, and professional retraining.

The e.DO<sup>™</sup> educational platform is also used for robotic welding training (addressing the shortage of specialized professionals).





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# Automation solution for HYDROGEN

The future of clean energy

With a wide and adaptable AUTOMATION PORTFOLIO, we support the key hydrogen production phases by leveraging different technologies to meet diverse process needs efficiently and at scale.

	Coating	Cutting	Drying	Welding	Handling	Stacking	Screwing	EOL* Test	Vision system	loT*/ Traceability	
Electrode											
MEA*											
BPP*											
Stack											
BoP*											
Vessel											
*EOL: End of	EOL: End of Line *IoT: Internet of Things					*MEA: Membrane Elecrode					

Pressing system and vision systems for robot guidance and quality inspection

\*EOL: End of Line \*BoP: Balance of Plant

FUEL CELL

\*IoT: Internet of Things \*BPP: Bipolar Plate

Complete traceability

\*MEA: Membrane Elector Assembly



Pressing system and EOL testing From thorough product and process analysis to the final stages of budgeting and planning, our AUTOMATED FUEL CELL ASSEMBLY offer ensures efficient project reshaping, ergonomic and quality analysis, concept layout, station design, control layout, simulation, and validation.

Comau designs fully automated, SCALABLE SYSTEMS FOR ELECTROLYZER PRODUCTION. From material handling (BPP, MEA, GDL, gaskets) to modular stack assembly and EOL testing, we ensure quality, precision and full process traceability — powered by advanced robotics, laser welding, and vision systems. Automated cell assembly to support scalable production Fast and precise stack assembly

**ELECTROLYZERS** 



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