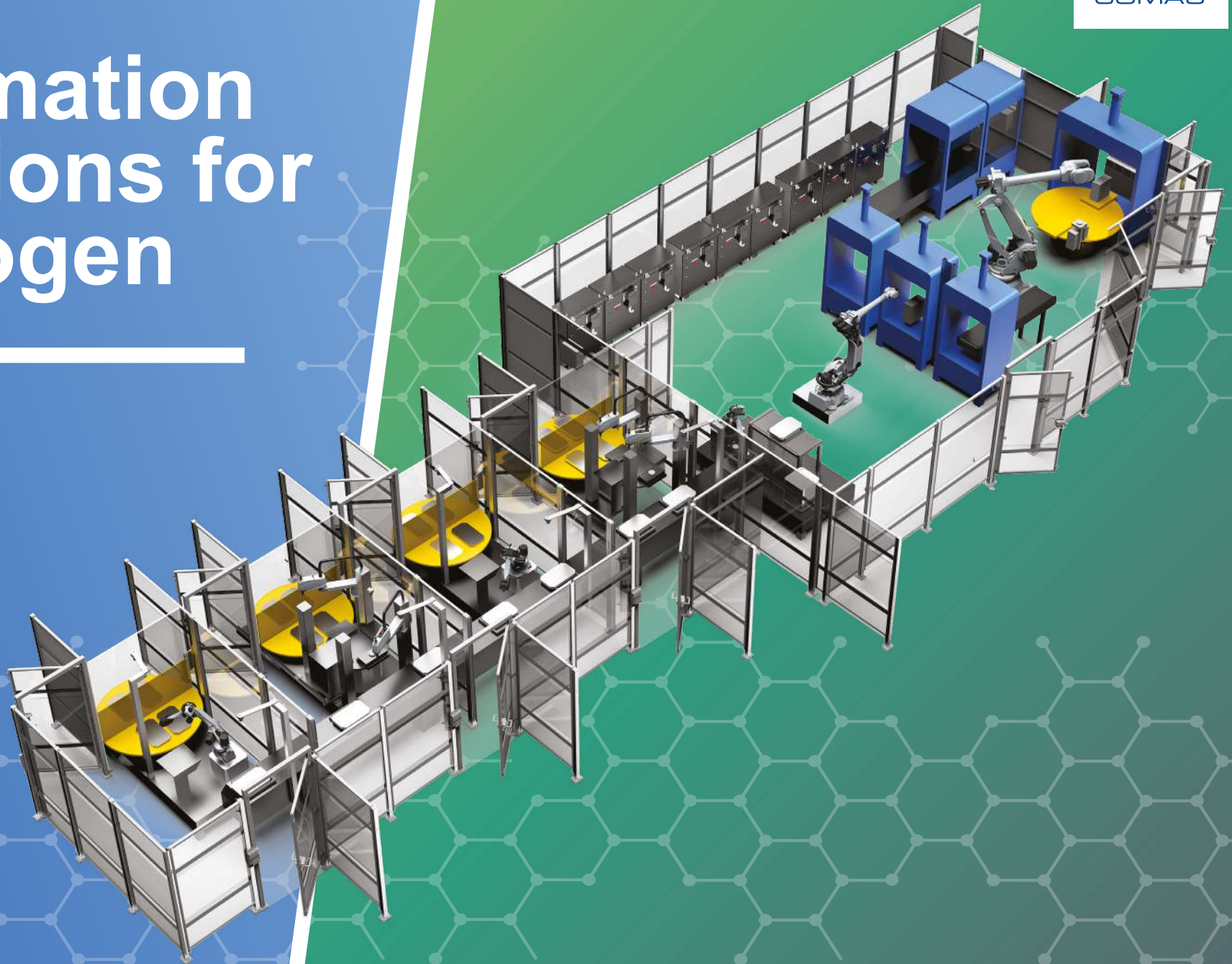


Automation Solutions for Hydrogen



The Future of Clean Energy

For hydrogen production and utilization, Comau supports its customers in their fuel cell manufacturing and electrolyzer manufacturing journeys. Our **AUTOMATED HYDROGEN PRODUCTION SOLUTIONS** are optimized for electrolyzers and fuel cells (PEM, alkaline, AEM and SOFC).

Our **SIMULTANEOUS ENGINEERING** approach brings your automation vision to life with precision and expertise including:



Our Offering

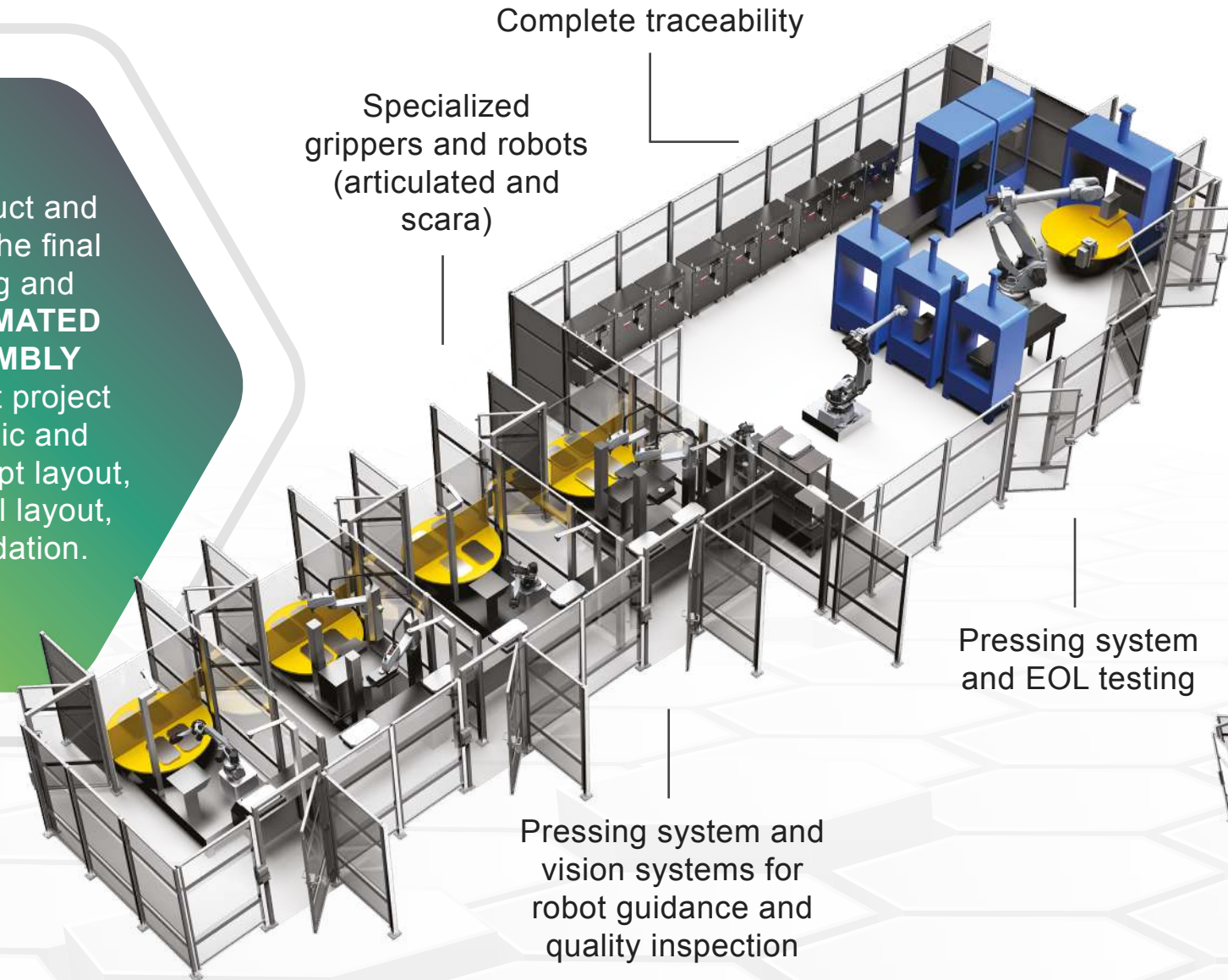
With a wide and adaptable **AUTOMATION PORTFOLIO**, we support the key hydrogen production phases by leveraging different technologies to meet diverse process needs efficiently and at scale.

| | Coating | Cutting | Drying | Welding | Handling | Stacking | Screwing | EOL* Test | Vision system | IoT*/ Traceability |
|-----------|---------|---------|--------|---------|----------|----------|----------|-----------|---------------|--------------------|
| Electrode | | | | | | | | | | |
| MEA* | | | | | | | | | | |
| BPP* | | | | | | | | | | |
| Stack | | | | | | | | | | |
| BoP | | | | | | | | | | |
| Vessel | | | | | | | | | | |

*EOL: End of Line
*BoP: Balance of Plant
*IoT: Internet of Things
*MEA: Membrane Electrode Assembly
*BPP: Bipolar Plate

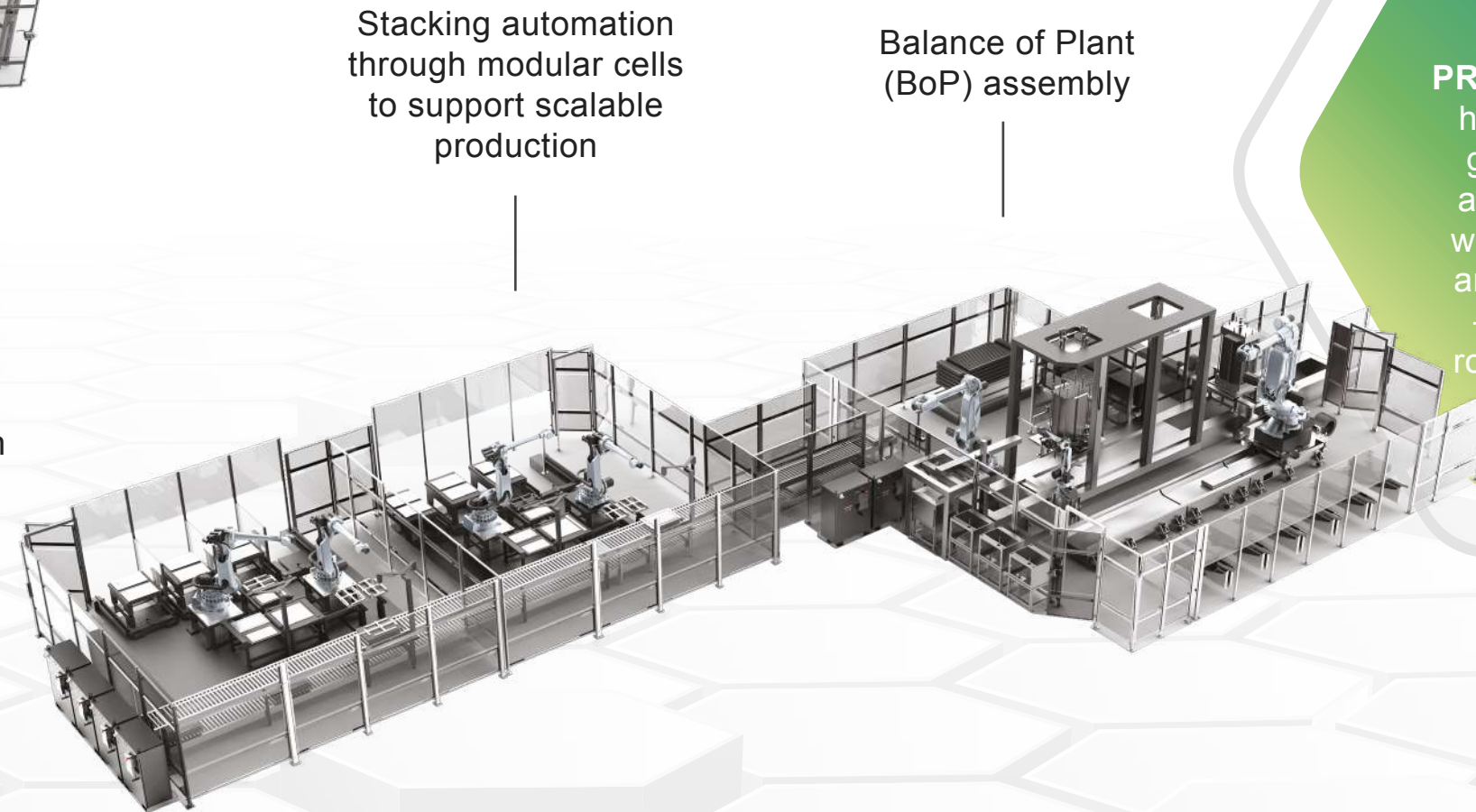
Fuel Cells

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.



Electrolyzers

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.

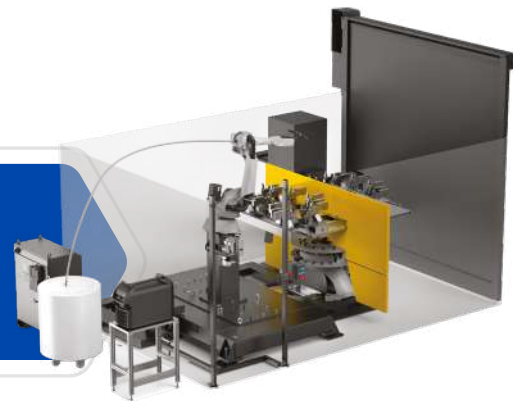


Standard Automation Cells

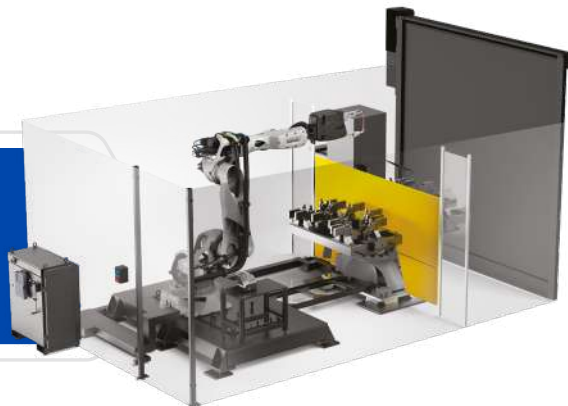
Comau offers **STANDARD PRE-CONFIGURED AUTOMATION CELLS** to speed up the design and installation time of your automation lines. Our cells are modular, scalable and ready-to-deploy, helping accelerate hydrogen-related manufacturing processes.

Their **PLUG-AND-PLAY ARCHITECTURE** ensures faster setup, reduced time-to-market, and full compatibility with Industry 4.0 environments.

Arc Welding



Spot Welding



Material Handling



Why Choose COMAU



A Global Spirit with a Local Presence

Training & Support

Disruptive Approach

Turnkey Supply

In-House Validation

Simultaneous Engineering



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