

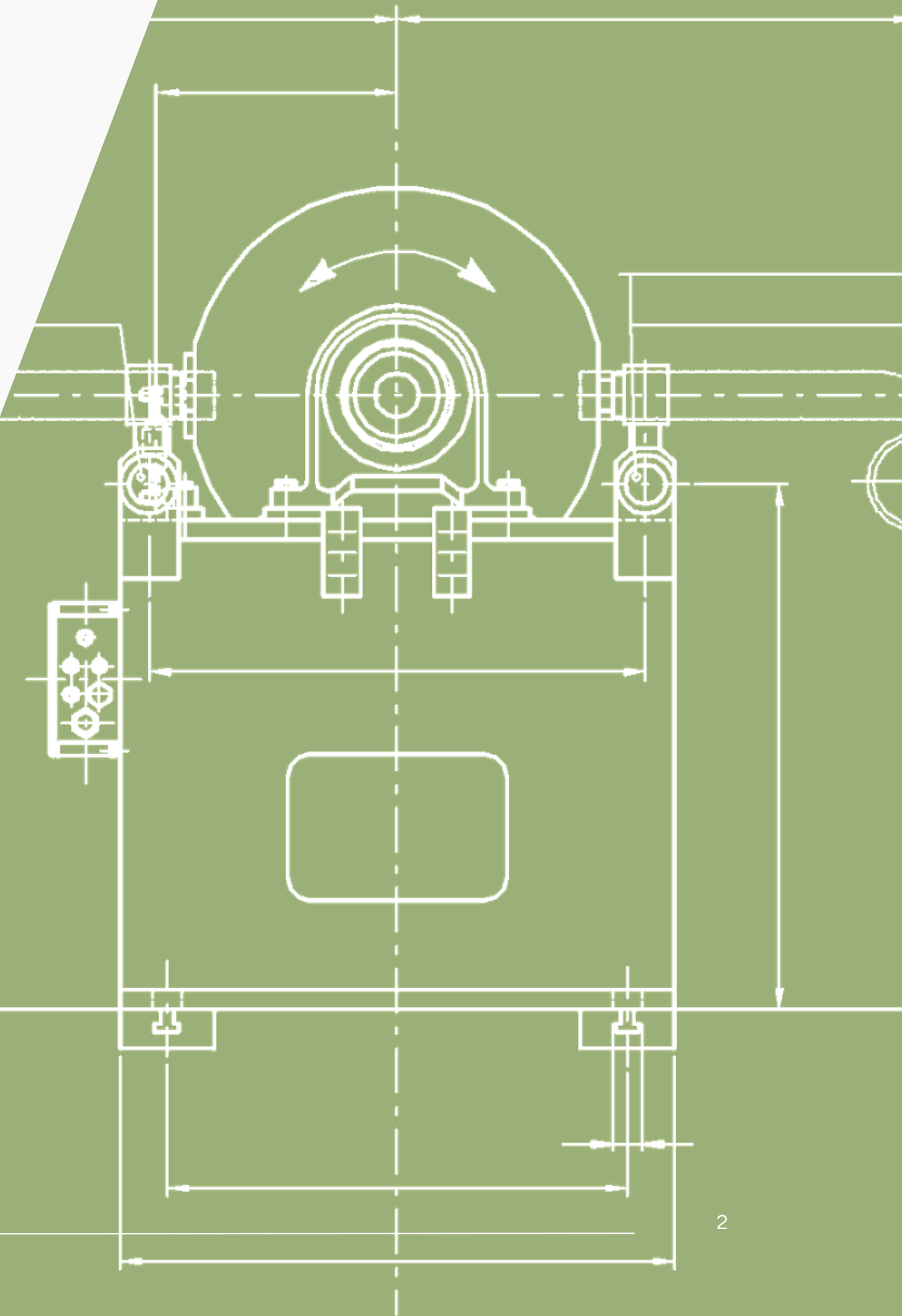
Complete Test Cells and Revamping

Borghi & Saveri

Founded in **1935** in the heart of Italy's Motor Valley, Borghi & Saveri began as a manufacturer of measuring instruments for industrial applications, gradually evolving into the design and production of dynamometers and engine testing systems.

With over **80 years of experience**, the company has supported the evolution of testing technologies, progressing from compact applications to complex systems **for motorsport, automotive, and advanced industrial uses**.

Today, Borghi & Saveri is a recognized reference in the **design of complete test cells**, combining mechanical, electronic, and automation expertise.



The Group

Over the years, Borghi & Saveri has strengthened its identity and market positioning through a strategy focused on integration and consolidation of its offering.

The collaboration with **Alma Automotive** represents a key pillar of this evolution: a partnership that enables the Group to deliver **turnkey solutions**, covering the entire process: from mechanics to electronics, from real-time control to software supervision.

Mission and Strategy

The Group’s mission is to position itself as a **strategic technology partner**, able to:

- understand customer needs,
- design tailor-made systems,
- deliver reliable, scalable and future-oriented solutions.

Being part of the **Motor Valley** fosters a unique ecosystem where tradition, innovation and collaboration with leading automotive players coexist and continuously reinforce one another.



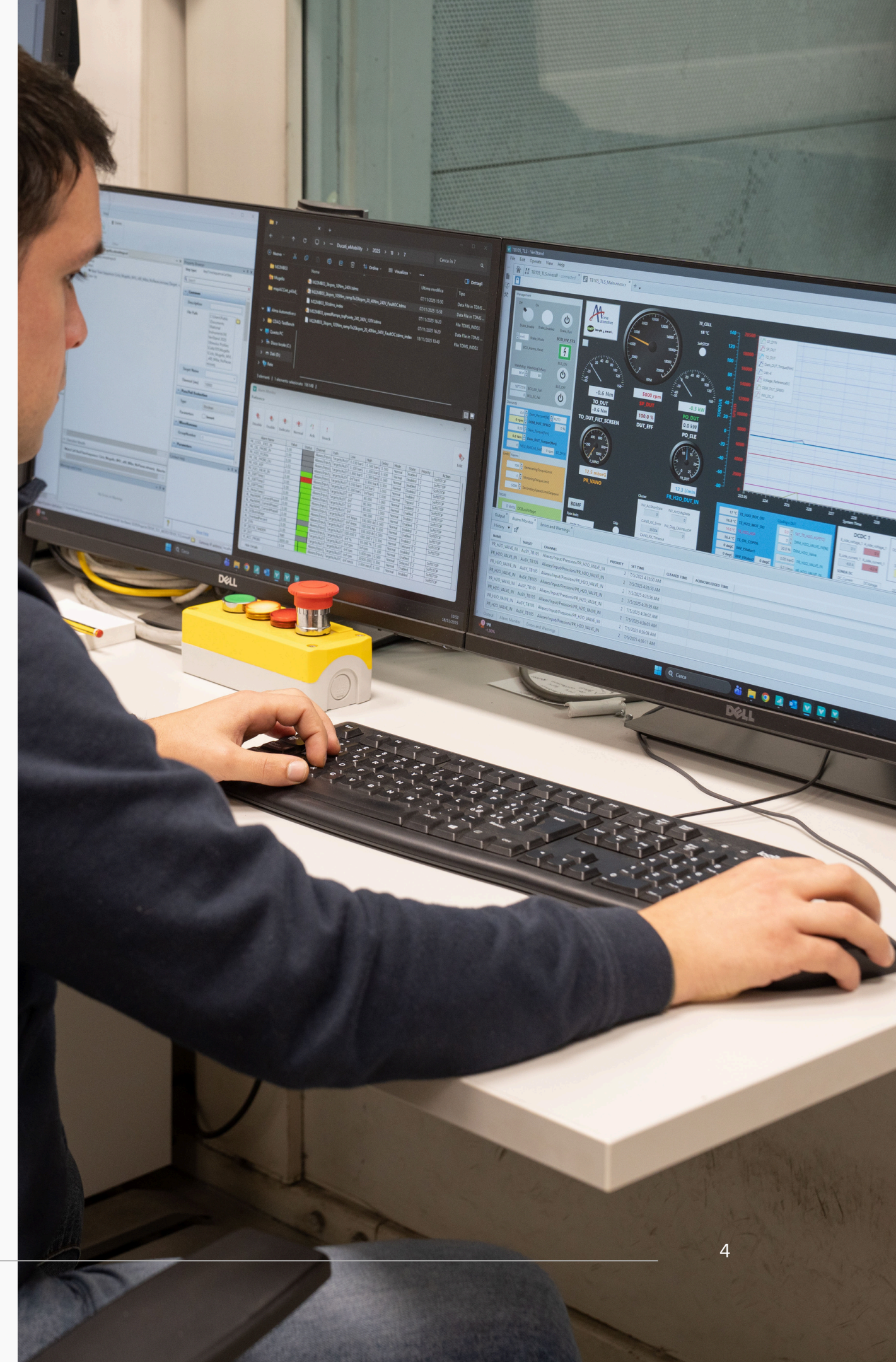
Complete Test Cells

Borghi & Saveri designs and delivers complete test cells **engineered for engine, powertrain and component testing.**

Each solution is engineered around the **customer's testing requirements**, combining mechanical systems, dynamometers, automation, safety functions and auxiliary equipment into a single coordinated environment.

From **new** installations to **revamping projects**, we deliver reliable and repeatable testing solutions designed to evolve with future testing needs.

One technical partner.
One fully integrated test cell.

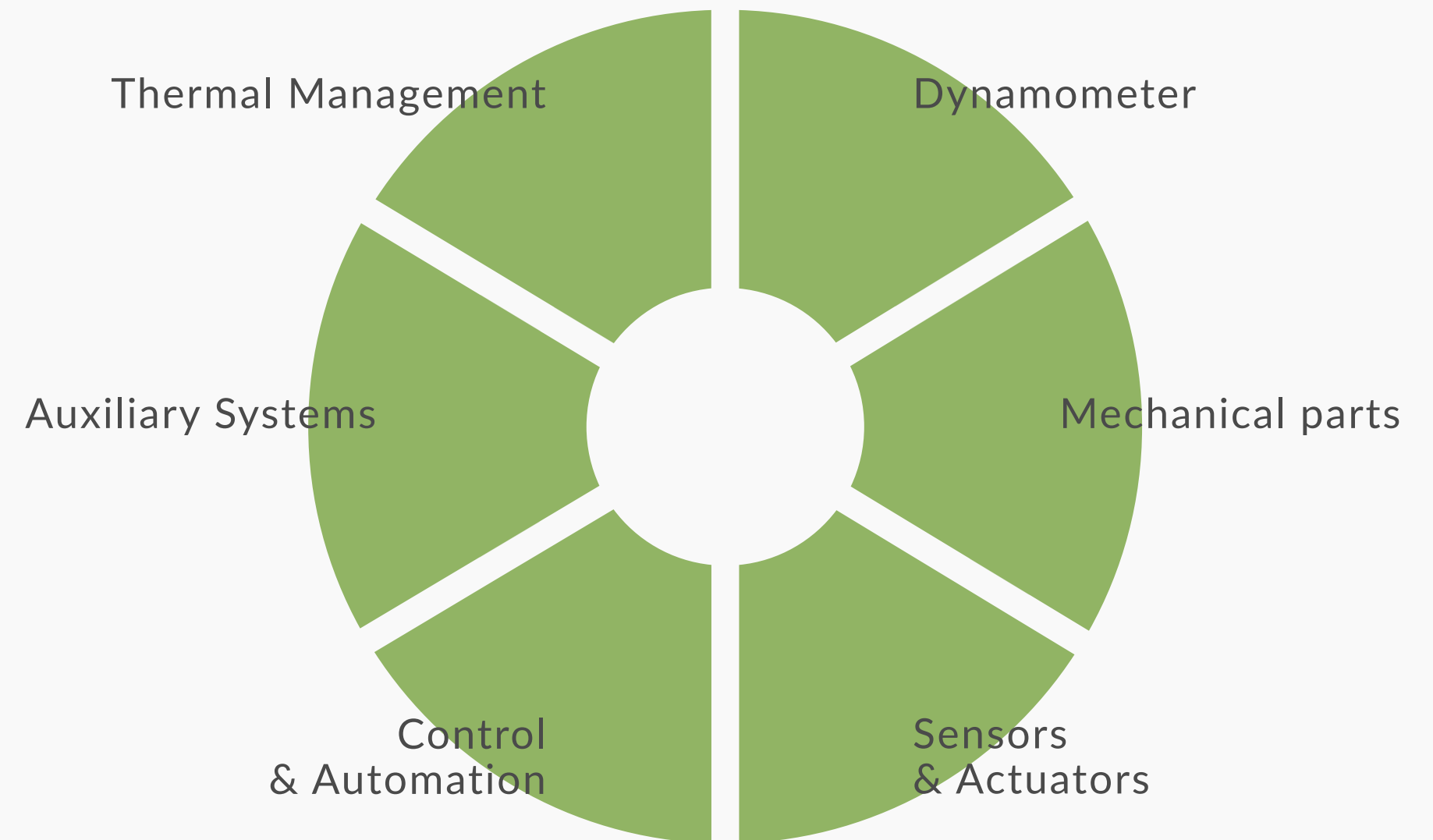


Mechanical Design and Test Cell Architecture

Every test cell starts with the mechanical design.

Customized test systems are developed around the characteristics of the DUT, ensuring accurate measurements, reliable operation and long-term durability.

Whether the application involves an internal combustion engine, electric powertrain, transmission or rotating device, the architecture of the test cell is **engineered to match the required performance**, operating conditions and testing objectives.





Test Bench Automation System

The Borghi & Saveri Automation and Control System manages the entire test bench through a single integrated platform.

Designed to support both manual and automated testing activities, it combines data acquisition, control, monitoring and safety management to ensure reliable and repeatable testing.

Key Benefits:

- Automated testing procedures
- Data acquisition and Real-Time monitoring
- Open and scalable architecture
- Fully customizable operator interface
- Integration with third-party systems
- Long-term software independence
- Open-source software available to the customer

[Read more about our Automation and Control Test System](#)

Complete Infrastructure

A modern test cell is more than a dynamometer and a control system.

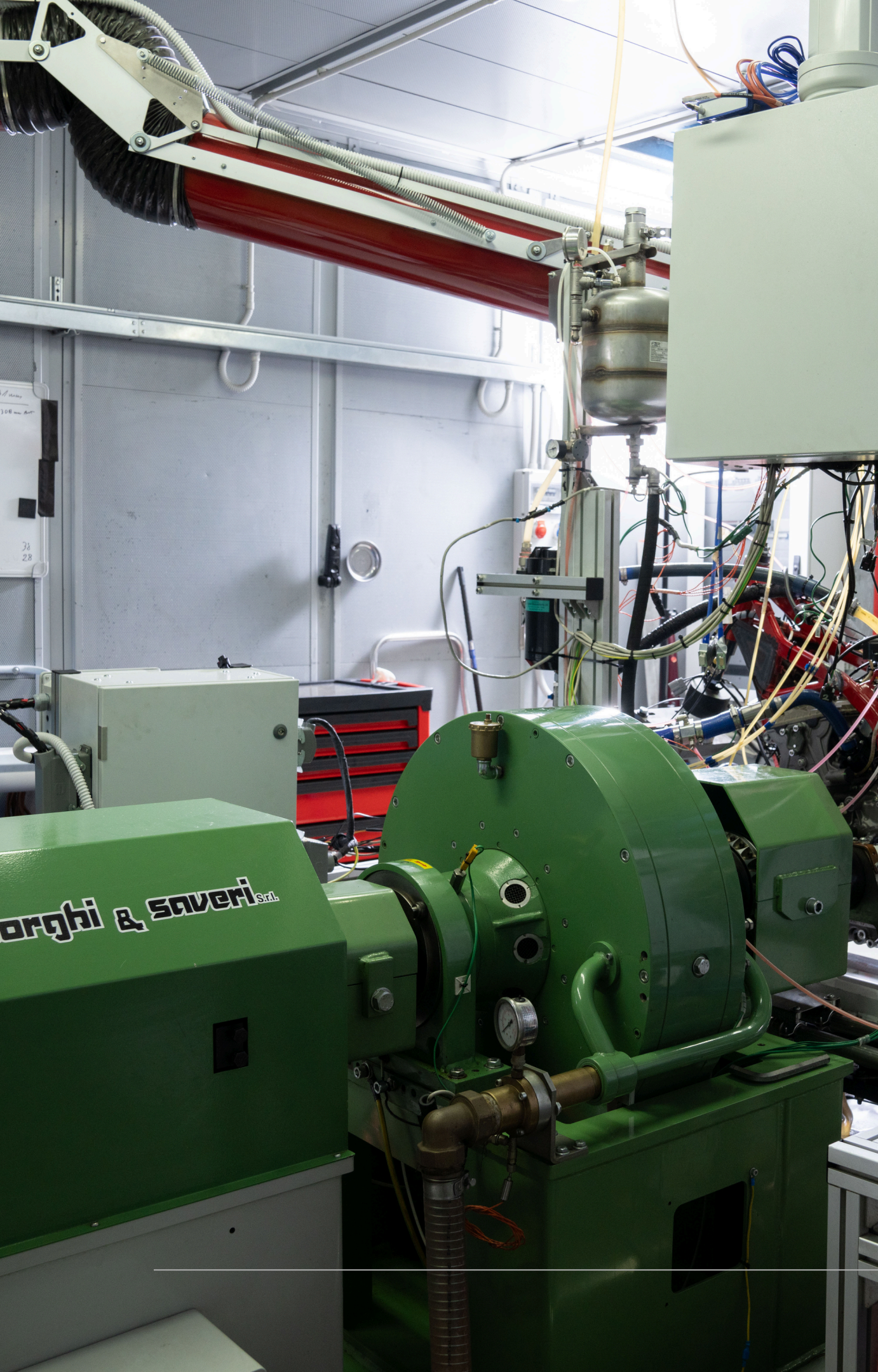
All supporting systems required to create a safe, efficient and controlled testing environment are integrated as **part of a single coordinated solution.**

From environmental condition management to safety systems, every subsystem is designed to operate seamlessly within a single control software platform.



Auxiliary Systems

- Acoustic enclosures and soundproof cabins
- Air handling and combustion air conditioning
- Exhaust gas extraction systems
- Cooling and thermal conditioning units
- Fuel supply systems
- Fire detection and fire suppression systems
- Environmental monitoring stations
- Ventilation and airflow management



Test Cell Revamping

Existing test facilities can often be modernized without the need for a complete replacement.

Revamping solutions are designed to upgrade critical systems while preserving valuable infrastructure, reducing investment costs and extending the operational life of the test cell.

Depending on testing requirements, interventions can range from automation upgrades to the refurbishment of mechanical, electrical and auxiliary systems, enabling existing facilities to meet new performance and testing demands.

Benefits

- Reduced investment compared to a new installation
- Minimized downtime
- Extended equipment life
- Improved performance and reliability
- Compatibility with new testing requirements

One Technical Partner for the Entire Test Cell

As **part of Alma Automotive Group**, Borghi & Saveri combines these competencies into a single integrated approach, allowing customers to rely on **one technical partner** throughout the **entire project lifecycle**.

Why Choose Borghi & Saveri

Tailor-Made Engineering

Designed around your testing requirements.

Complete Integration

One partner for mechanics, automation and infrastructure.

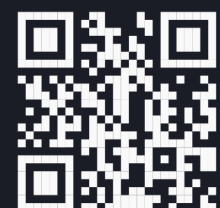
Long-Term Support

Ongoing technical support, from commissioning to future system upgrades.





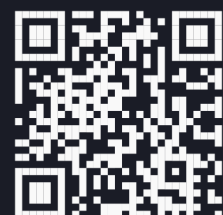
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