



MECCANICA 42

SIMULATION STATION

Brochure

AGENDA



Introduction 03

Main features 04

Key benefits 05

Introducing our SimStation: the ultimate virtual simulator environment

Our simulation station represents an innovative solution that integrates each vehicle device into a virtual simulation environment.

This groundbreaking system offers engineers the possibility to test hardware inside a protected space in the laboratory in a safe and controlled manner.



Main features

The Simulation Station can be integrated with our test benches, to improve the development process.



Steering system (EPSiL)

EPSiL is designed to faithfully replicate the dynamics of a real vehicle's steering, allowing for detailed and realistic tests.



Braking system (BrakeiL)

BrakeiL precisely simulates braking performance, enabling each component to be tested in simulated conditions to ensure maximum safety and reliability.



Camera in the Loop (CamiL)

CamiL provides a full and detailed view of the systems' reactions and interactions with the surroundings.

Key benefits

Our simulation station allows you to invest in technology that will significantly improve the development process, ensuring high-quality results and reducing time to market.

Contact us today to discover how we can help you reach your goals with efficiency and safety.



Safety

Test your devices in a safe environment, lowering the risk of damage and ensuring operator safety.



Efficiency

Speed up the development and testing processes by simulating a wide variety of scenarios in real-time.



Precision

Use our advanced simulation technology to obtain accurate and reliable data on your system's performance.

Imagine a product that was built specifically for you, because it was.

Our simulation station is not confined to standard components.

It can be customized and expanded with a wide range of instruments and additional modules to meet the specific needs of each customer.

We can provide customized solutions for every need.





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