



RECORD  
**SERVICES**



# **THREE DIVISIONS, ONE MISSION: EXCEEDING EXCELLENCE.**

## **Who we are**

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*Andreoli Proto is a department of Andreoli & C. highly specialized in the preparation, setup and restoration of prototypes for the development and testing phases.*

*Thanks to the work of our **specialized technicians**, the use of the **most sophisticated tools** that the market makes available and the application of **cutting-edge mechanical and verification processes**, Andreoli Proto represents a reliable ally in the most demanding processes and challenges of the sector.*

## **Proto, Proto 2 and Test Center**

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*Are three separate factories, with **controlled access** to ensure **maximum safety** of the projects.*

*All facilities have **dedicated alarmed warehouses** managed by a **customized management system** that can be adapted to the customer's needs.*

## **Each department is equipped with:**

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- *Support from the technical office and supervision of an engineer in the department*
- *Loading and unloading cars or components in complete confidentiality*
- *Team made up of specialized mechanics capable of working on any type of car.*
- *Mechatronic dedicated to hybrid/ electric cars*
- *Staff constantly updated and trained on new technologies*



# **PRECISION IN DETAILS, GREATNESS IN THE RESULTS.**

## **Proto Division**

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*Our factory is equipped with **six car lifts**, a **car balancer lift** and **cutting-edge equipment** to ensure maximum efficiency and precision.*

*Our **highly specialized staff** is able to follow all the **prototype testing phases**, guaranteeing **competence and attention** throughout the entire assembly and preparation of the cars **up to the pre-series**.*

*We meticulously follow the entire set-up process, ensuring that each car is **perfectly configured for testing**.*

*After each homologation crash test, our team restores the cars, ensuring that they return to optimal conditions for further evaluation or subsequent use.*

- *Post/pre-crash preparation and restoration*
- *Pre/post impact height and convergence control*
- *Prototyping of brackets/tubes and body parts such as hoods, doors, roofs and fenders*
- *“Car Bench” test bench*
- *Mechanical workshop dedicated to carrying out rework or repairs of chassis/bodyshells and chassis modifications*
- *Construction of mock-ups for tests on individual components*



# ***YOU JUST HAVE TO IMAGINE IT, WE THINK TO THE REST.***

## ***Proto 2 Division***

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*Plant with **five car decks**, where our team dedicates itself with precision to the **complete assembly** of the cars, from **Body in White** to the creation of working cars.*

*Our staff combines **extensive automotive industry experience** with ongoing training in the **latest technologies**.*

*Each car goes through a meticulous process which also includes all the necessary quality checks to ensure that each vehicle meets the **highest quality standards**.*

*From the inspection of the welds to the verification of the functioning of the electronic systems, every detail is taken care of with the utmost attention.*

- *Cad scanner/reverse engineering*
- *Construction and fitting out of an iron structure to reproduce the car body (BUCK)*
- *Specialized welding on aluminum frames*
- *Mechanical workshop dedicated to execution of rework or repairs of frames/bodyshells*
- *Personnel with PES/PAV certification*
- *Catia v5-6r2021 cad workstation and solidworks 2022*
- *Assembly of complete cars*



# **A TEST CENTER SUITABLE FOR EVERY NEED.**

## **Test Center Division**

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*Plant dedicated to testing activities equipped with **cutting-edge tools** to satisfy even the most complex tests.*

*We manage static tests with dedicated instrumentation, capable of creating **high resolution frames and videos** in an area equipped with specialized personnel.*

*Our **climatic chamber** guarantees precision and maintenance of the required temperatures, thus also allowing **temperature tests**.*

- *Microsys SureFire Airbag Deployment System*
- *Weiss Technik climate cell*
- *Dedicated staff*
- *Pre and post testing setup*
- *Creation of testing structures*
- *Detailed reports*

## **Climate Cell**

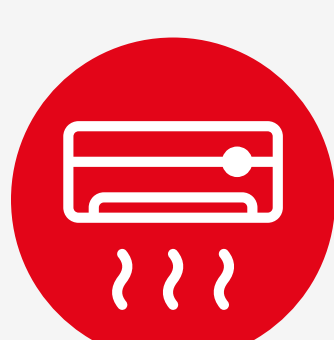
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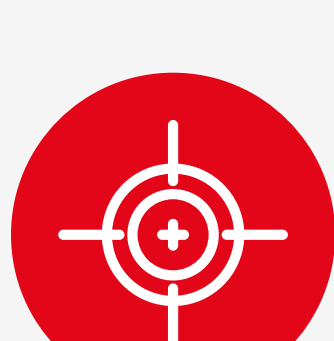
**Testable temperatures:**  
**-40°C to +85°C**



**Test load dimension:**  
**3084 x 3084 x 2438 mm**



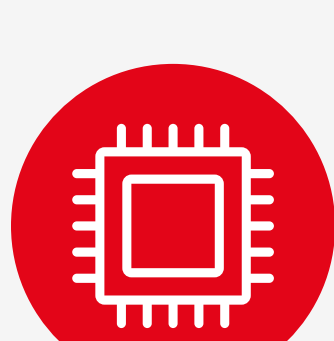
**Air conditioning system: evaporator ceiling with electric heating integrated and refrigeration unit cooled by external air.**



**Accuracy:**  
**+/- 0.1°C to 1.1°C**



**Insulation cell: made of PU (CFC-free) with bilateral metal sheet coating.**



**Regulation system: controlled by microprocessor with electronic sensor of temperature to allow monitoring constant of the data provided.**

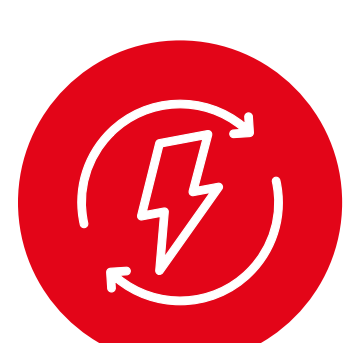


# **ANDREOLI, FORTY YEARS OF KNOW-HOW IN THE MOST SOPHISTICATED INDUSTRIAL SECTORS.**



## ***Automotive e Motorsport***

*High experience in these sectors has led us to collaborate with teams, technicians and mechanics from the main global car manufacturers.*



## ***Energy & Green***

*We create **components** for the **energy** and renewable technology development sectors, where **rigorous controls** are required and **specific certifications**.*



## ***Aerospace***

*Our **staff** is **constantly updated** and **trained** to maintain the quality standards necessary to collaborate with the main manufacturers in the sector.*

# **OUR WINNING NUMBERS.**

**65**

EMPLOYEES

**42**

YEARS OF  
EXPERIENCE

**11**

SOLIDWORK  
STATIONS

**1025**

CREATIVE  
PROJECTS





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