

# BREDA RACING SET UP SYSTEMS

## Breda Racing: Precision Set-Up Equipment for Winning Performance

In Motorsport, success begins long before the lights go out. Every team knows that a competitive car is built on a precise and reliable set-up. For this reason, high-quality set-up equipment is not merely useful — it is indispensable.

### The Foundation of Performance

A professional set-up system enables engineers to measure and refine the parameters that define vehicle behaviour with uncompromising accuracy:

- Corner weight distribution: high-resolution digital scales quantify load transfer with exceptional precision, ensuring correct left-right and front-rear balance while enabling fine control of the crucial cross-weight percentage.
- Ride height: digital or laser-based instruments provide repeatable measurements with extremely low tolerance, essential for managing ground clearance and preserving the aerodynamic platform.
- Toe and camber alignment: precision-engineered gauges allow micro-adjustments, optimising tyre contact patches and minimising uneven wear.

### Why Breda Racing

This is where Breda Racing delivers a decisive competitive advantage.

Our set-up equipment is engineered and manufactured to meet the precision, durability and repeatability demanded at the highest levels of Motorsport.

Set-Up Wheels are designed according to exact vehicle geometry; high-resolution Set-Up Pads integrate advanced load cells with exceptional signal stability, ensuring consistent corner-weight readings across multiple runs; Alignment Carbon Bars with Zimmers interface with digital or laser devices for ultra-precise measurement of Toe, Ride Height and Camber.

Breda Racing Set-Up systems are high-precision platforms developed by a technical team with over 40 years of direct trackside experience and a deep understanding of Motorsport engineering requirements. Every component is conceived to deliver maximum accuracy, measurement repeatability and long-term operational reliability, even under the most demanding race conditions.

Components are manufactured with strict tolerance control and optimised geometry to ensure stable and reproducible reference points. Advanced CNC machining processes are applied throughout, using premium alloys and composite materials selected for mechanical strength, dimensional stability and resistance to wear and deformation. This guarantees structural integrity and minimises performance drift over time.

Beyond precision and durability, the system is engineered for seamless integration into the fast-paced Motorsport environment. Its architecture enables rapid installation and fine adjustment, while ergonomic design supports efficient and safe handling during set-up operations. This allows engineers and mechanics to perform accurate alignments and measurements in reduced time, streamlining workflow both in the workshop and on the track, in full compliance with professional racing standards.

### Operational Safety and Controlled Handling

In professional Motorsport, precision must always be matched by uncompromising operational safety. Breda Racing set-up systems are engineered to ensure secure handling during every phase of vehicle preparation, reducing the risk of accidental shifts, misalignment or component stress. Structural elements maintain stability under load, while reinforced locking mechanisms, anti-slip interfaces and controlled-movement geometries prevent unintended displacement during adjustments. This safety-driven engineering approach protects personnel, preserves equipment integrity and ensures uninterrupted workflow in both workshop and pit-lane environments.

### Flight Case Solutions for Professional Transport

To ensure uncompromising protection from the very first deployment, Breda Racing set-up systems can be supplied with dedicated flight cases engineered specifically for Motorsport logistics. Developed in collaboration with specialised partners and built to premium standards, these cases combine reinforced structural panels, high-strength hardware and precision-shaped internal compartments that secure each component during transport and handling. Their construction guarantees long-term durability, impact resistance and environmental protection, ensuring that every element of the system arrives track-ready, perfectly preserved and immediately operational.

### The Competitive Edge

For every racing team, investing in Breda Racing equipment means acquiring not just tools, but a high-value technical asset that directly contributes to performance. In Motorsport, where fractions of a second define results, precision and repeatability are essential. Breda Racing provides set-up systems that allow engineers to unlock the full potential of the car, giving drivers the confidence to push at the limit, lap after lap.

Adopted by leading teams worldwide, Breda Racing set-up equipment has become a benchmark in professional Motorsport, trusted at the highest levels of competition.

**WHERE PRECISION BECOMES PERFORMANCE!**