

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 just useful — it is absolutely essential.

The Foundation of Performance

On a set-up system, engineers can measure and refine the parameters that define the car's behaviour with absolute accuracy:

- Corner weight distribution: digital scales measure load, ensuring the correct balance between left and right, front and rear, as well as controlling the crucial cross-weight percentage.
- Ride height: digital devices or laser sensors allow repeatable measurements with very low tolerance, a vital element to control ground clearance and maintain the aerodynamic platform of the car.
- Toe and camber alignment: precision gauges provide adjustments, enabling optimal tyre contact patches and minimising uneven wear.

Why Breda Racing

This is where Breda Racing delivers a decisive advantage. Our set-up equipment is designed and manufactured with the precision, durability, and repeatability required at the highest levels of motorsport.

Set-Up Wheels engineered according to the specific vehicle geometry; high-resolution Set-Up Pads with integrated load cells, ensuring stable and accurate corner weight distribution across multiple runs; alignment bars with zimmers, combined with digital or laser devices for the precise measurement of toe, ride height, and camber.

Breda Racing Set-Up are high-precision systems, developed by a technical team with more than 40 years of direct trackside experience and a deep knowledge of motorsport engineering requirements. Each design is focused on achieving maximum accuracy, repeatability of measurement and long-term operational reliability, even under the most demanding race conditions.

Components are manufactured with strict tolerance control and optimised geometry to provide consistent 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 ensures structural integrity, reliability and minimises the risk of performance drift over time.

In addition to uncompromising precision and durability, the system is optimised for seamless integration into the fast-paced environment of motorsport. Its design enables quick installation and fine adjustment, while its ergonomic structure supports efficient and safe handling during setup operations. This allows engineers and mechanics to carry out accurate alignments and measurements in reduced time, streamlining workflow both in the workshop and on the track, in full compliance with the professional standards required in top-level racing.

The Competitive Edge

For every racing team, investing in Breda Racing equipment means acquiring not just tools, but a technical asset that directly contributes to performance. In motorsport, where fractions of a second determine results, precision and repeatability are essential. Breda Racing provides equipment that enables engineers to extract maximum performance, giving drivers the confidence to push the car to its limits, 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.