

## **Akrapovič: Leaders in Performance, Sound, and Design**

Two successful decades, both on and off the track, are proof of the quality and strength of Akrapovič.

In motorsport, the Akrapovič-equipped Manthey-Racing Team Porsche has achieved wins in the prestigious 24 Hours race on the famous Nürburgring circuit. In 2009, Team Akrapovič a-workx took the title in the German Porsche Sports Cup, with Julian Dercks driving an Akrapovič-equipped Porsche 911 GT2. The exhaust systems offer significant advantages on the track, including weight reduction, more power, and more torque.

This commitment, and the constant strive for perfection, is key to the manufacturer's success. Over the past 20 years, 63 world champions have chosen Akrapovič exhausts and in 2011, the company confirmed its most extensive motorcycle racing programme yet, including the MotoGP, with the Yamaha Factory Team.

Akrapovič goes to great lengths to design the best exhausts, investing in cutting-edge research, development, and a testing centre with CAD/FEM workstations, LabView workstations, SuperFlow automotive and motorcycle test benches, a MAHA-HORIBA emissions test bench (TÜV emissions testing laboratory), a SuperFlow research test bench, and advanced measurement devices.

### **Pure Power**

Akrapovič exhausts, developed to win on the racetrack, also offer other benefits: a deep, resonant sound, weight reduction, durability, more horsepower, and a distinctive appearance. The power gains can be amazing. For example, the aftermarket Akrapovič Evolution exhaust system fitted to the Porsche 911 GT2 delivers an outstanding +41HP and +74Nm of torque.

The weight reduction can be equally impressive. The aftermarket Akrapovič Evolution Race exhaust system fitted to the Porsche 911 GT3/RS saves an incredible 26kg of weight, which translates into improved weight distribution and handling.

## Pure Sound

Performance addicts know it's not just lower weight and improved performance that makes them smile. The look has to be right too, and Akrapovič systems are works of art for both the eyes and ears.

For the company's founder, Igor Akrapovič, a former racer and self-professed audiophile, the sound is critical: a deep, resonant growl is the perfect accompaniment for a performance car.

## Different needs, different exhaust systems

Akrapovič exhaust systems can be divided into five groups:

- 1 **Slip-On:** base systems with a single- or dual-muffler design. Tailpipes are available with a choice of materials and finishes.
- 2 **Evolution:** base Slip-On with additional link pipe(s), which utilise sport catalytic converters and/or resonators. Some specific Evolution systems can include header pipes. Evolution systems deliver the deep sound Akrapovič systems are known for, with greater weight savings, power gains, and torque improvement.
- 3 **Slip-On Race systems:** specifically designed for track applications – an upgraded version of the Slip-On system with additional options including x-pipe, link pipes and mufflers.
- 4 **Evolution Race:** the top of the range, where weight reduction is a crucial factor.
- 5 **Sports Cup:** only available for the Porsche 911 GT3, this system is designed to meet the race series rules.

Most of these systems are intended for road use and are street-legal, but many are also developed for the racetrack, utilising high-quality, built-in high-flow sport catalysts. All of the exhausts are made with the highest quality materials, in either titanium or stainless steel.

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### **Special titanium alloy**

Akrapovič titanium exhaust systems are crafted from a proprietary titanium alloy. Although this is considerably more expensive and difficult to form than more common commercial alloys, it ensures substantially greater durability, dimensional stability, and heat resistance. All Akrapovič products are designed without compromise, for enhanced performance and unparalleled quality.

### **Highest quality carbon fibre**

Akrapovič also uses quality carbon fibre composites to accentuate its unique and sporty exhaust systems. Carbon-fibre tail pipes are handcrafted and produced with special care at the manufacturer's European composites production facility. A unique post-curing carbon fibre treatment makes this product resistant to extreme high temperatures.