

# Two steps to lightweight: 370 kg

You can achieve Airlight II weight optimisation in two steps.



**THE LIGHTWEIGHT  
AMONG  
AIR SUSPENSIONS**

**Airlight II**  
Less weight due to  
lightweight options.

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# Airlight II – the solution for weight-sensitive applications.

Thanks to its lightweight components, the Airlight II from BPW is a light and modular running gear – perfectly suited to tank and silo vehicles in 9 t on-road use.

Especially when transporting liquid goods and bulk material, every kilogram counts. Therefore, on the basis of the Airlight II modular system, innovative lightweight components have been developed which significantly contribute to reducing running gear weight – without affecting stability and durability.

The key to the previously unattainable module weight of 370 kg lies in the newly developed LightTube trailing arm and the high-strength forged aluminium wheel hub. This clear weight advantage means for you: lower fuel consumption and higher payload. The Airlight II offers you the best conditions for cost-effective vehicle operation.

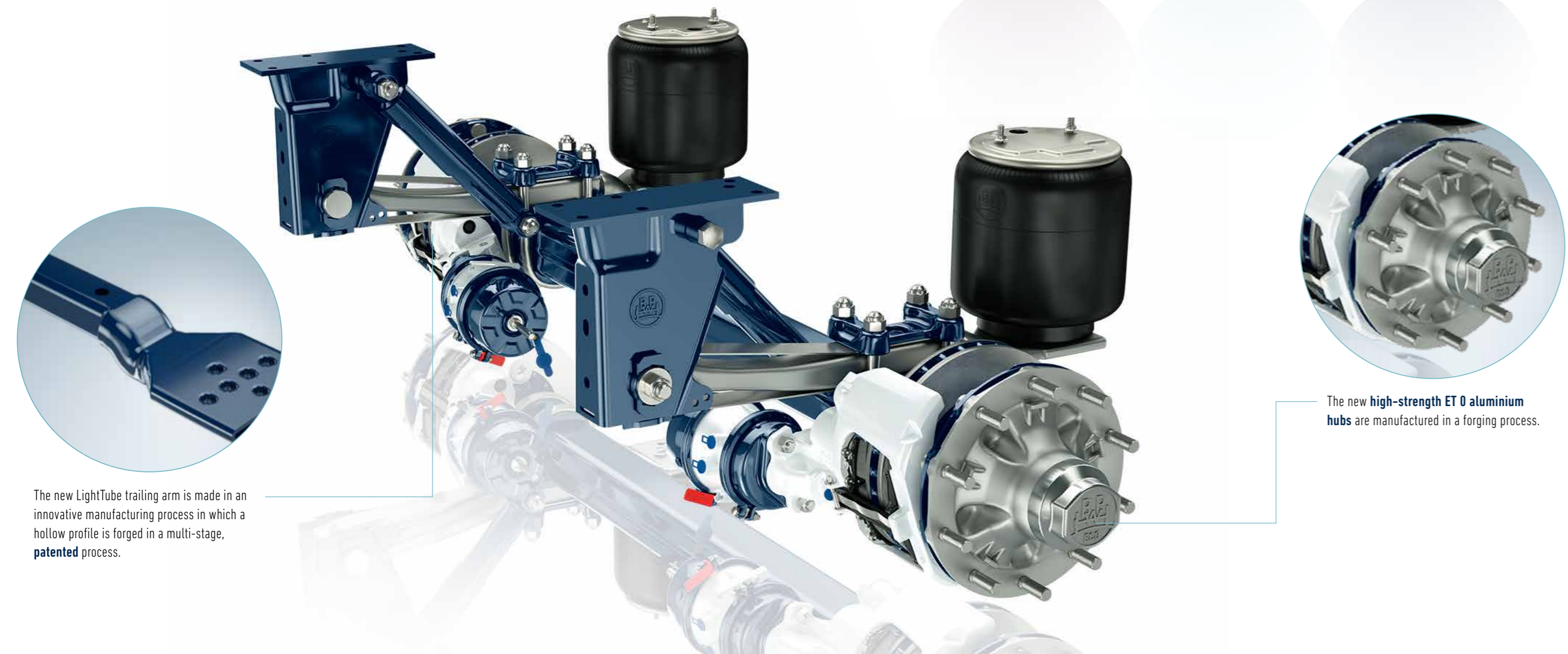
# Hard to beat: Airlight II with **lightweight components.**

Until now, a module weight of **370 kg** was unattainable for a classic 9 t running gear. Lightweight design options now give you a valuable competitive edge through a higher payload and lower fuel consumption.

A lighter running gear helps you to save on fuel and increases your payload. Due to the **low unsprung mass**, the driving comfort is increased while road wear is reduced.

The **additional weight of around 200 kg for emission control systems (Euro 6 standard)** can be compensated for by nearly 100 kg thanks to the extremely light Airlight II running gear with lightweight components.

- ADVANTAGES OF THE AIRLIGHT II MODULAR SYSTEM:**
- ▶ Modular construction for easy assembly and needs-based maintenance
  - ▶ Easy track setting through adjustable air spring brackets as standard
  - ▶ Maintenance-free in on-road use thanks to clamped axle seat (up to 9 t)
  - ▶ More flexibility in manufacturing through optional, screw-on Airlight II air spring brackets
  - ▶ 5 + 3 years ECO Plus warranty with unlimited mileage for on-road use throughout Europe



The new LightTube trailing arm is made in an innovative manufacturing process in which a hollow profile is forged in a multi-stage, **patented** process.



The new **high-strength ET 0 aluminium hubs** are manufactured in a forging process.

