



Bus HPS Next Gen.

Designed for the future of mobility

This suspension system is designed to meet the wide range of requirements of modern bus construction. It dynamically adapts to changing loads and road conditions to ensure passengers enjoy an exceptionally smooth ride. Meanwhile, vehicle manufacturers benefit from a robust, low-maintenance solution that complies with the highest safety standards.

This technology enables bus manufacturers to design lighter, more efficient vehicles. The system extends component lifespan, reduces operational costs and enhances the driving experience for both drivers and passengers.

The advantages of HPS Next Gen at a glance:

- Sustainable system that requires minimal maintenance
- Compact design
- Low energy consumption, high efficiency
- Positive natural frequency curve over the payload
- Integrated level control
- Meets the requirements of ISO 26262 and ISO 21434
- Large load differences possible without loss of driving comfort
- Excellent vehicle stabilisation in all riding conditions



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