



Bus Spring-by-Wire

Very compact, easy to build-in

Clean mobility requires intelligent chassis solutions. Our hydropneumatic spring-by-wire system is a more efficient alternative to bulky air suspensions. It stabilises, dampens and adjusts the height. All of this is provided by a compact, energy-efficient unit. Mounted near the wheels and centrally controlled, it can be seamlessly integrated into electric and zero-emission vehicles. It is certified to ISO 26262 and ISO 21434. Hemscheidt and VSE are responding to the EURO7 standard and the Clean Vehicles Directive with technology that is fit for the future, cutting emissions, saving space and boosting comfort.

The advantages of Spring-by-Wire at a glance:

- Suspension, damping and stabilisation in one unit – very compact
- Height adjustable
- Energy efficient – especially interesting for electrically powered vehicles
- First suspension on the market to meet ISO 26262
- Maximum comfort with low total cost of ownership
- Easy to build-in
- Enhanced corner stability



Where expertise meets innovation

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