



BPW News

Series introduction of the new

BPW VB mechanical suspension

As part of the continuous development of the BPW Agrar product portfolio, the new VB mechanical suspension will be introduced into series production in several phases.

The first phase is the VB-A version for axle loads above 9 tonnes.

Type VB-A = mechanical suspension with connecting rod

The new generation combines a fully modular design with high robustness, optimised axle load equalisation and flexible configuration options.

SERIES LAUNCH
28.08.2026

First phase: mechanical suspension with connecting rod / parabolic spring

Technical information

VB suspension unit with connecting rod / Parabolic Spring								
Axle type	Wheelbase (mm)							
	1400	1450	1500	1600	1800	1850	1900	2000
GS 11000	Parabolic Spring 1							
GS 12000	Parabolic Spring 2				Parabolic Spring 4			
GS 14000	Parabolic Spring 3				Parabolic Spring 5			

Delivery scopes

- Loose axle and loose suspension components
- Axle with welded spring seat assembly and loose suspension components
- Pre-assembled axle with spring and loose VB components
- Complete suspension with flat frame



Product benefits of the BPW VB-A suspension

Modular system

9 components, freely configurable. Parabolic springs and leaf springs are interchangeable within the same system.

Upgradeable

To improve driving characteristics, only the spring needs to be replaced, while the module remains unchanged.

Heavy-duty design

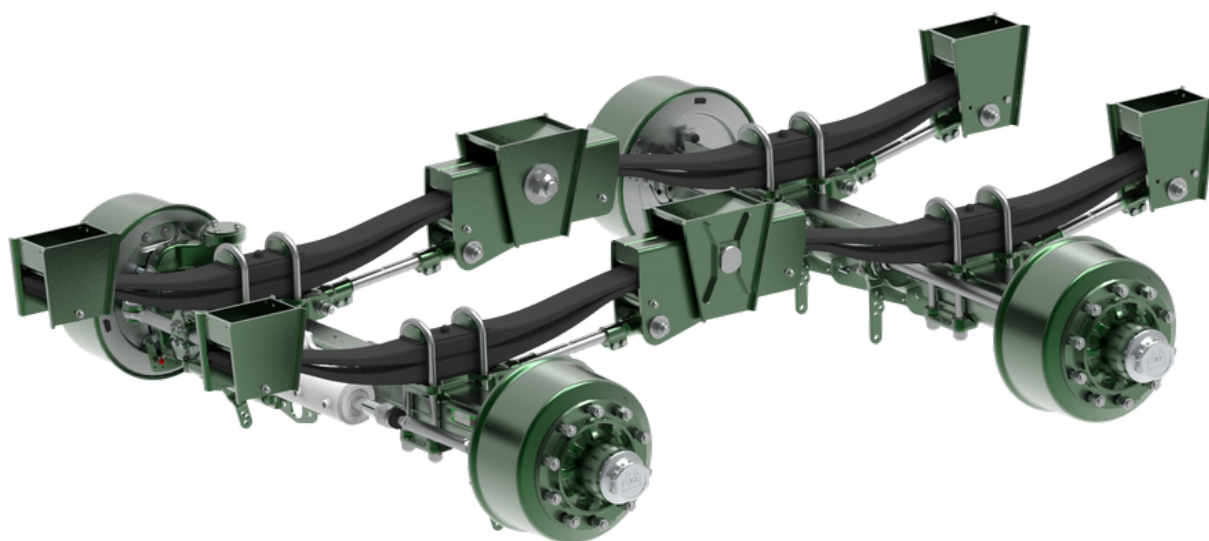
Supports and equalising beams are designed for maximum robustness and durability.

Improved driving stability

100 mm wide springs with optimised spring deflection ensure high stability for both parabolic and leaf springs.

Optimised axle load equalisation

The mounting of the connecting rod in the equaliser beam supports optimal braking performance and reduces tyre and brake wear.



Outlook

In the second phase of the introduction, series approval of the multileaf spring version for type VB-A is planned for the second quarter of 2027. This will add another configuration option to the modular VB system.

For more information, please contact your BPW representative