

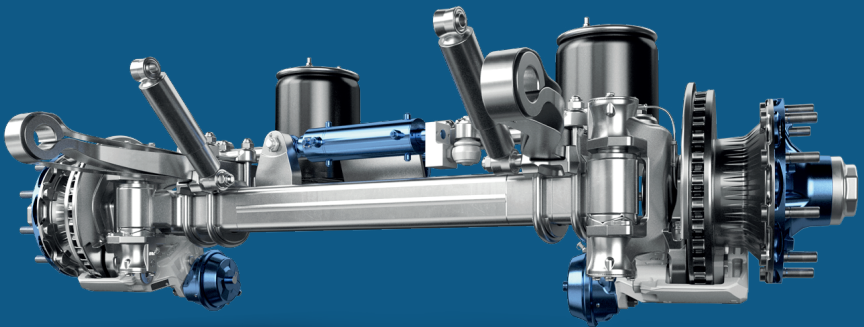
we think transport



BPW Active Reverse Control

# MASTER OF MANOEUVRING

**NEW**  
active forwards  
steering



# THE NEW CLEVER AUXILIARY STEERING FOR YOUR SELF-STEERING AXLE

As an operator and user of semi-trailers, you have been benefiting from the economic and technical advantages of the BPW self-steering axle for decades. Simpler manoeuvring makes a major contribution to efficiency. For a vehicle covering 100,000 km per year, this can save around 1,000 litres of diesel and four tyres – thanks to improved cornering performance.

However, for functional reasons, all these advantages have so far only been realised when driving forwards. When reversing, the steering mechanism is locked and the axle remains rigid. With the optional BPW Active Reverse Control (ARC), you can now benefit from all the advantages of the self-steering axle – even during reversing and manoeuvring, BPW ARC provides fully automatic control of the self-steering axle.

BPW ARC also has a function for manually steering the axle by remote control during forwards travel up to a speed of 10 km/h, which provides even greater trailer manoeuvrability in tight spaces. This not only saves time during transport jobs, but also reduces tyre wear and potential collision damage.

## THE ADVANTAGES ARE IMPRESSIVE

- Everything from a single source: BPW ARC with preassembled self-steering axles ex works, control unit and remote control.
- You save valuable time during installation thanks to plug-and-play installation of the prepared axles and the BPW ARC app.
- Sample test reports in accordance with ECE R79 (including for ADR application) and EMC certificates in accordance with ECE R10 are available.
- Simple connection to the EBS system using the matching cable sets available.
- Higher payload as the ARC weighs less than conventional steering systems.
- Very simple initial commissioning and system diagnostics thanks to the BPW ARC app (available for iOS and Android devices).



## TECHNICAL DATA

<b>Axle load</b>	9–12 t	<b>Control</b>	Electronic
<b>Axle</b>	Prepared BPW LL axles ex works	<b>Transmission</b>	Hydraulic
<b>Brake type</b>	Disc/drum 17,5"/19,5**/22,5"	<b>Angle sensor</b>	Innovative sensor technology in the control unit (no angle sensor technology required on the king pin)
<b>Suspension</b>	Air suspension	<b>Deployment</b>	Up to 2 Self-steering axles***
<b>Steering system approval</b>	Sample test reports in accordance with ECE R79 and EMC in accordance with ECE R10	<b>Steering angle</b>	Up to 20 degrees
<b>Area of application</b>	Commercial vehicles/ agricultural	<b>System weight</b>	58 kg incl. control unit
<b>Application</b>	Active forward and reverse steering in manoeuvring mode (V < 10 km/h)	<b>Installation on vehicle</b>	Plug and play (cylinder and sensors preassembled ex works, software preconfigured)

\* for 100,000 km mileage in combination with the BPW self-steering axle

\*\* only with disc brake TS2 3709

\*\*\* control of 2 XLL axles with ARC on request

The brands of the BPW Group:



BPW Active Reverse Control 18802201 en

**BPW Bergische Achsen Kommanditgesellschaft**

Postbox 1280 · 51656 Wiehl, Germany · Phone +49 2262 78-0

info@bpw.de · [www.bpw.de](http://www.bpw.de)