

we think transport



BPW Active Reverse Control

MASTER OF MANOEUVRING.



NOW EASIER
TO SET UP WITH THE
BPW ARC APP



THE NEW, CLEVER AUXILIARY STEERING SYSTEM FOR YOUR SELF-STEERING AXLE.

As an operator and driver of semi-trailers, you have benefitted from the economic and technical advantages of the BPW self-steering axle for decades. Simpler manoeuvring with the self-steering axle also makes operation more economical, reducing both tyre wear and fuel consumption. At an annual mileage of 100,000 kilometres, it is possible to save around 1,000 litres of diesel and four tyres – thanks to improved cornering performance.

For functional reasons, however, these benefits have up until now only been realised during forward travel. When reversing, the steering mechanism is locked and the axle remains rigid. But from now on, you can benefit from all the advantages of the self-steering axle – even when reversing and manoeuvring. With BPW Active Reverse Control, BPW has developed a new electro-hydraulic auxiliary steering system that automatically controls the steering axle when reversing at speeds of up to 10 km/h.

With BPW Active Reverse Control, you increase the agility and manoeuvrability of your vehicles. This not only saves time during your transport tasks but also reduces tyre wear.

IMPRESSIVE BENEFITS

- You save time thanks to plug-and-play installation of the prepared axles.
- You do not need a separate approval.
- You can use Active Reverse Control independently of the EBS system.
- They load more load due to the lower dead weight compared to the conventional mechanical steering systems.
- Very simple initial commissioning and system diagnostics thanks to the BPW ARC app (available for iOS and Android devices).
- The self-steering axle is eligible for funding under ENF (Fleet Renewal Program of the BAG) and receives a bonus in the CO₂ certification for trailers from 2024 (VECTO).

THE BPW EFFECT

1,000 L

FUEL SAVING AND
4 TYRES AT
100,000 KM MILEAGE*



NOW EASIER
TO SET UP WITH THE
BPW ARC APP

TECHNICAL DATA

Axle load	9 – 12 t
Axle	BPW LL axles ex works
Brake type	disc / drum 22,5"/17,5"
Suspension	air suspension
Steering system approval	not required
Usage area	commercial / agricultural
Application	driving in reverse / manoeuvring operations (V < 10 km/h)

Control	electronic
Transmission	hydraulic
Angle sensor	innovative sensor technology in the control unit (no angle sensor required on the King pin)
Number of steerable axles	1
Steering angle	up to 18 degrees (20 degrees)
System weight	58 kg (incl. control unit)
Vehicle installation	plug and play (cylinders and sensors ex works pre-mounted)

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

The brands of the BPW Group:



BPW Active Reverse Control 18802201 e **reaze GmbH**

BPW Bergische Achsen Kommanditgesellschaft

Postbox 1280 · 51656 Wiehl, Germany · Telephone +49 (0) 2262 78-0

info@bpw.de · www.bpw.de