

we think transport



# MASTER OF MANOEUVRING.

BPW Active Reverse Control



# 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.

Increase the agility and manoeuvrability of your vehicles when reversing and reduce time and 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.
- You can transport higher loads due to the lower unladen weight.
- The system can be used to control two steering axles (Four axles are even possible with agricultural vehicles).



THE BPW EFFECT

1,000 l

Fuel savings and fast and safe manoeuvring\*

## TECHNICAL DATA

<b>Axle load</b>	9 – 10 t / 12 t**
<b>Axle</b>	BPW LL axles ex works
<b>Brake type</b>	disc / drum, 22,5 / 19,5 / 17,5***
<b>Suspension</b>	air suspension
<b>Steering system approval</b>	not required
<b>Usage area</b>	commercial / agricultural
<b>Application</b>	driving in reverse / manoeuvring operations (V < 10 km/h)
<b>Control</b>	electronic

<b>Transmission</b>	hydraulic
<b>Angle sensor</b>	innovative sensor technology in the control unit (no angle sensor required on the King pin)
<b>System weight</b>	approx. 40 kg
<b>Number of steerable axles</b>	2
<b>Steering angle</b>	up to 18 degrees
<b>Vehicle installation</b>	plug and play (cylinders and sensors calibrated, software preset)

\* mileage 100,000 km in combination with the BPW self-steering axle      \*\* Available mid 2019

The brands of the BPW Group:



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