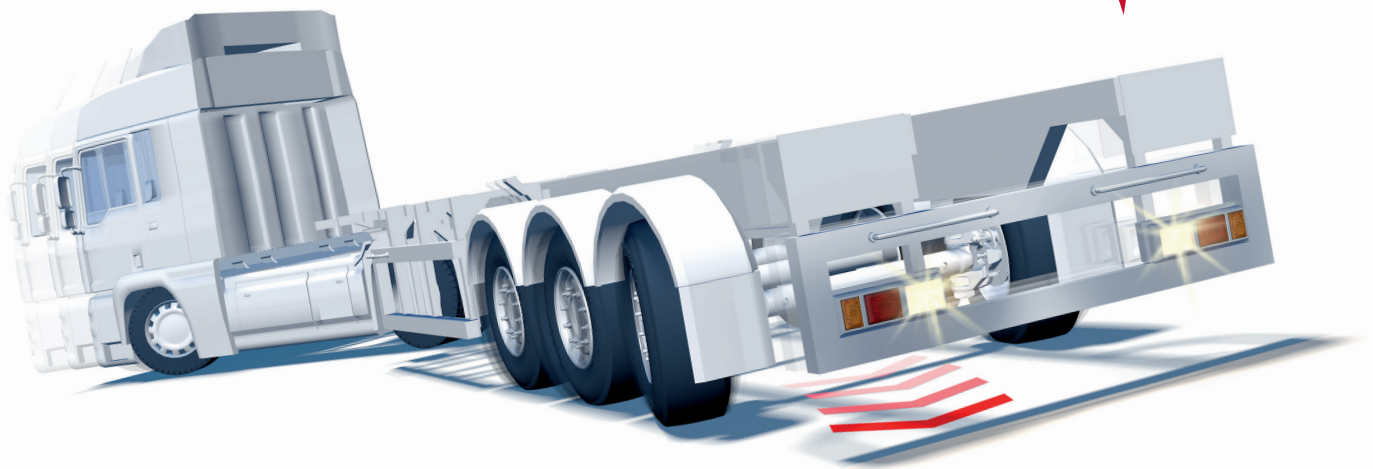


VSE Reverse Assist ENABLES SELF-STEERING AXLES TO STEER IN REVERSE!



What does VSE Reverse Assist offer?

VSE Reverse Assist is the new auxiliary steering system that enables a self-steering axle to steer in reverse in a straightforward manner. The big advantage is that it is now possible to make a trailer with a self-steering axle more efficient and suitable for a broader range of loading and unloading situations. After all, the rear axle no longer has to be set to a fixed position when driving in reverse. This saves a lot of time and provides more options at loading and unloading locations!

**Now available
to order!**

VSE
**REVERSE
ASSIST**

VSE assist you in reverse!

What is a self-steering axle?

A self-steering axle is an excellent solution for carriers who want to reduce fuel consumption and tyre wear. An additional advantage is a smaller turning circle. Unfortunately, this only applies when driving forward. When reversing, the self-steering axle must be locked in position, which increases scrubbing and the turning circle. The self-steering axle can only be locked in the centre position, which requires driving several metres straight forward. A driver must therefore think ahead when arriving at the loading or unloading point.

The advantage of VSE Reverse Assist:

Manoeuvrability

You can now also steer in reverse with a self-steering axle at a competitive price!

Durability

Improved loading and unloading times with a trailer fitted with a self-steering axle!

Simple system

The system is compact, installs quickly and is suitable for any type of trailer with a self-steering axle.

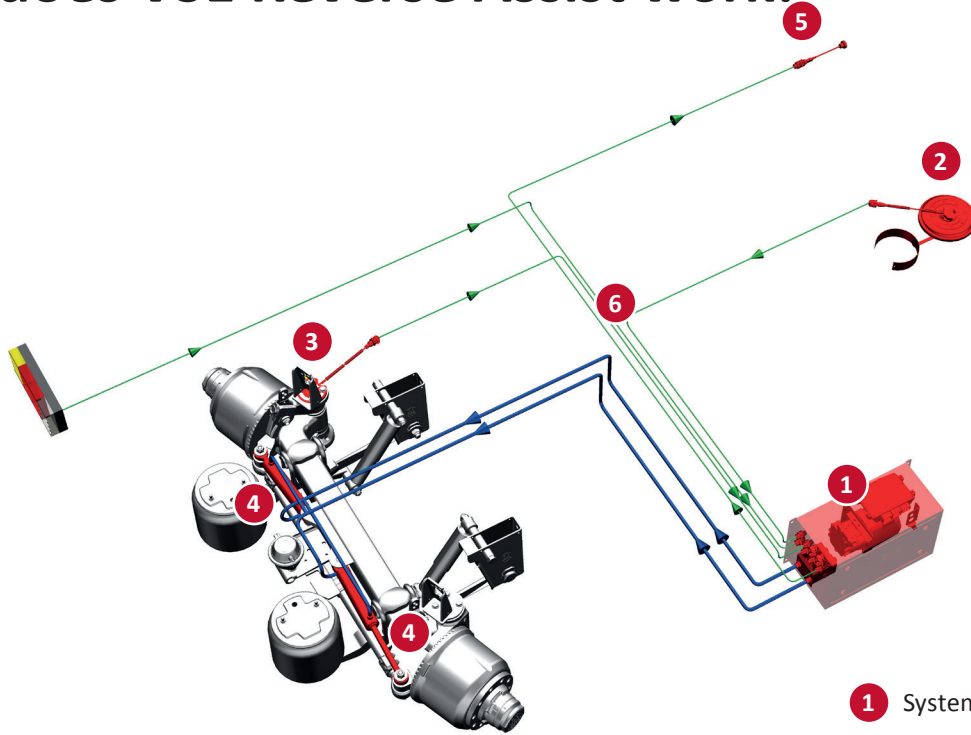
Innovation

Easily add additional innovation to the trailer with a unique, patented system.

Add on later

The system can also be added to existing trailers!

How does VSE Reverse Assist work?



- 1 System locker
- 2 Kingpin with angle sensor
- 3 Angle sensor on the axle
- 4 Steering cylinders
- 5 Function lamp
- 6 Multiple cables

➔ Electric

➔ Hydraulic

How VSE Reverse Assist works:

Step 1: Engaging the reverse function

VSE Reverse Assist is engaged when reversing. This is done by the signal from the reversing light.

Step 2: Reversing

During reverse driving the sensor on the kingpin (2) measures the angle between the truck and the trailer. The software in the system locker (1) uses this data to calculate what the corresponding angle of the self-steering axle should be.

Step 3: Steering

The cylinders (4) on the axle then steer the self-steering axle until the desired angle is reached. The desired angle is measured by the sensor (3) on the axle.



During forward driving the system is not active and steers the self-steering axle in the usual way.