

Positioning System LIS-pos

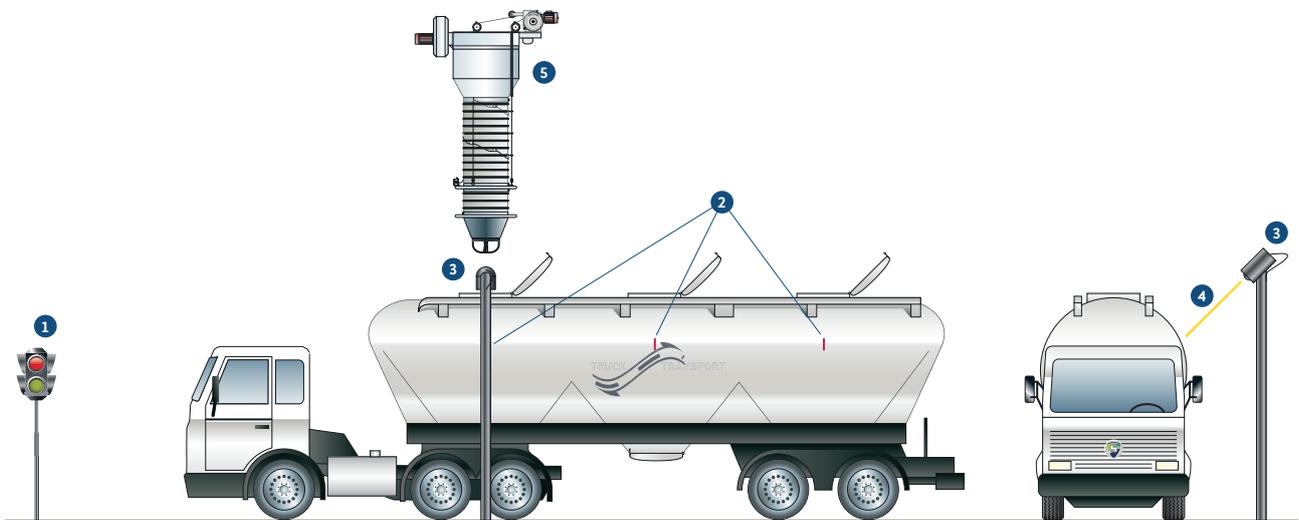
For safe and precise positioning of silo vehicles

This cost-effective unit supports the precise positioning of vehicles at the loading point. A reflection light barrier indicates the exact position under the silo discharge by reflecting light against strips attached to the side of the vehicle.

This allows the positioning of the truck quick and accurate:

- > Using a light barrier and signalling unit carefully calibrated together
- > A reflective light barrier precisely recognises when vehicles are in the right position
- > The signalling unit safely guides the driver under the loading hose without costly waiting times and leakage requiring cleaning
- > Cost-effective solution, also suitable for later installation





- ① Signalling unit
- ② Reflective strips | Self-adhesive indicators of location of loading openings
- ③ Reflective light barrier | For monitoring the position of the vehicle's loading opening and the loading system. The reflective light barrier is linked to the signalling system.
- ④ Light beam | The distance from the reflective barrier and the vehicle may not be more than 5,000 mm.
- ⑤ Loading system

Functional description

Self-adhesive reflective strips attached to the side of the vehicle ② allow a laser reflective sensor ③ to indicate the correct position under the silo discharge. The signalling system ① linked with the laser light barrier allows the driver to position his vehicle precisely to each filling opening.