

EF-S



Electronic Steering System

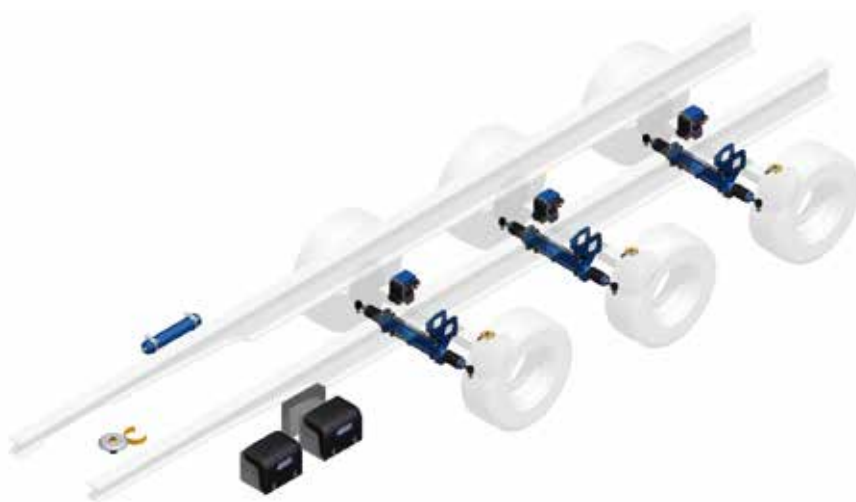


The electronic kingpin steering system



Winning advantages

TRIDEC's lightweight electronic steering system, which is quick and easy to install, is the solution for trailers with very limited mounting space.



TRIDEC's EF-S steering system enables trailers with an extremely low trailer neck, such as milk and bulk tankers or trailers with monocoque-constructions, to be equipped with a steering system for kingpin axles. Because of the weight advantage, as well as the minimal required mounting space and easy installation, the system can also be applied to low-loaders.

The system can steer a maximum of three kingpin steered axles. The steering angle is easily set to the available mounting space and required manoeuvrability. Manual steering by wireless remote-control offers extra manoeuvrability, making the axles steer in ratio or at equal steering angles ("crab steering").

Savings on

- time due to manoeuvrability
- fuel consumption
- tyre wear
- vehicle maintenance & damage
- installation time
- neck-height (only 60mm)
- chassis modifications



Winning technology

TRIDEC's EF-S system reacts to the smallest steering motion and stably follows the truck without any delay, preventing chassis damage. Hydraulic accumulators directly supply the steering energy required. At higher speeds and while driving straight, the wheels are locked into the straight position, ensuring a highly stable straight run.

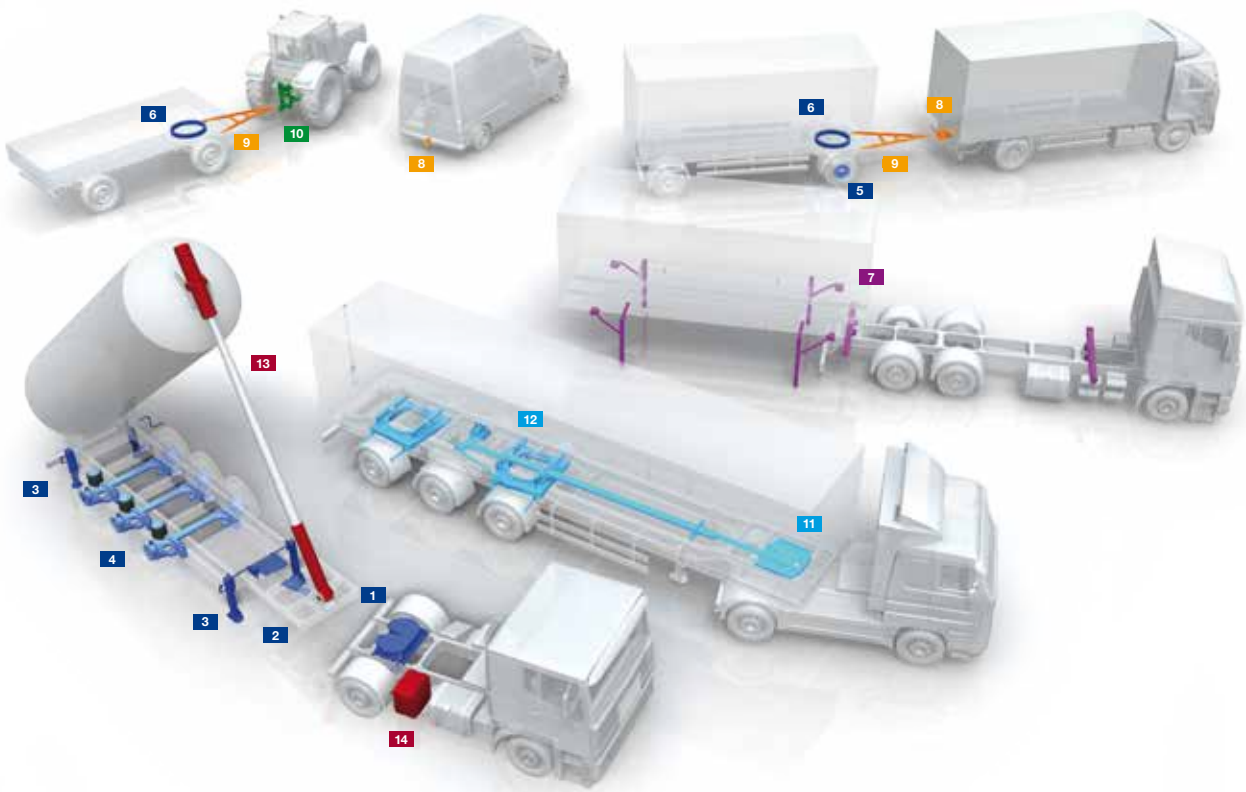
More technical information on the EF-S systems can be found at www.tridec.com

- Patented lightweight steering cylinder including mountings
- Powerpack, electro-hydraulic with brushless motor
- JOST 2" kingpin with integrated steering angle sensor and patented self-centring wedge
- Intelligent trailer battery charging system with temperature compensation
- CAN-bus and Bluetooth communication
- System diagnostics by status-lamp and wireless remote control
- No greasing points on the steering system (only on the kingpin axle)



Trailers fitted with original TRIDEC steering systems and suspension offer the best option when it comes to safe cornering. With solid and innovative solutions TRIDEC is the market leader for steering systems. Its reliability is demonstrated by over 50,000 systems delivered worldwide. Part of JOST-World. You can rely on TRIDEC.

Would you like to know which system is most suitable for you? Then please contact us. Due to the most comprehensive product range you can rely on TRIDEC to give you the best advice for your individual application.



JOST



- 1 Fifth wheel couplings and systems**
2" and 3 1/2" fifth wheel couplings in a variety of construction heights, bearing types and versions, mounting plates, sliders and dual-height fifth wheel systems; sensor-controlled systems for the coupling procedure between truck and trailer



- 2 King pins**
2" and 3 1/2" king pins with a conical or plate-shaped flange



- 3 Landing gears**
Landing gears with variable bolting heights, crank handles, connection shaft-lengths and foot types, special landing gears for special applications



- 4 Axle systems**
Weight-saving trailer axles with various special equipment for a wide range of uses



- 5 Hubodometers**
Used to calculate distance driven, independent of the truck



- 6 Ball bearing turntables**
Ball bearing turntables and slewing rings in a wide range of sizes and versions



- 7 Container technology**
Components for intermodal transports, supports, twist locks and bolsters, swap body lifting devices, guide roller bearings and bearings

ROCKINGER



- 8 Road traffic**
Open-end, hook and ball towing hitches, suspension elements, VARIOBLOCK alternating system and special models



- 9 Drawbars and towing eyes**
Drawbars and towing eyes as well as custom-made products for on and off-road usage



- 10 Agriculture**
Open-end, hook and ball towing hitches, height adjustable brackets and clutch carriers for agriculture and forestry

TRIDEC



- 11 Steering systems**
Axel-independent or manufacturer-independent mechanically, hydraulic and electronically controlled steering systems for trailers



- 12 Axle suspensions**
Air suspension or hydraulically suspended axle suspensions for on and off-road usage

Edbro



- 13 Vehicle-mounted hydraulic systems**
Front end, underbody and tipping ejector cylinders for trucks and trailers/trailer tipper



- 14 Customer-specific hydraulic component kits**
Hydraulic component kits for various applications, chassis-specific hydraulic container component kits

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