

TD



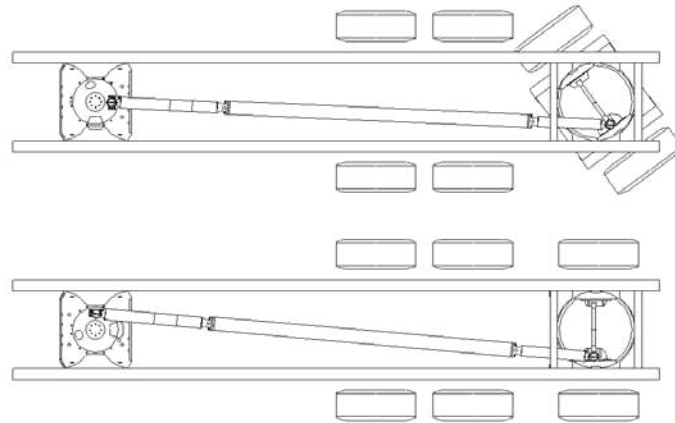
The mechanical steering system for
1, 2 or 3-axle trailer





Winning advantages

The mechanical steering system for 1, 2 or 3-axle trailer for the use in distribution transport



The TRIDEC TD steering system is a mechanical steering system used primarily in distribution transport. This system steers one axle of a one, two or three-axle trailer, but it can also steer two axles.

The TD steering system allows you to make more efficient use of your trailer. Through better manoeuvrability, the loading and unloading locations can be more easily serviced, inner cities are more accessible and roundabouts can be more easily driven.

The improved manoeuvrability of the vehicle results in better weight distribution of the load and results in even greater fuel savings. The time savings and reduction of the maintenance costs, fuel costs and tyre wear result in a lower cost price per kilometre (savings up to 30% possible). The TD steering system is the most often sold steering system due to its effective design, easy installation, low price and minimal maintenance requirements.

Increased accessibility

- Ideal manoeuvrability
- Highest stability
- Improved agility

Noticeable savings

Up to 30% cost reduction possible by saving on:

- Lower fuel consumption
- Less tyre wear
- Low maintenance
- Protection against vehicle and collateral damages
- Less journeys due to higher load capacity

Increased comfort

- Low ground level
- Increased loading height
- Improved safety
- Improved driver comfort
- Reduction of road noise

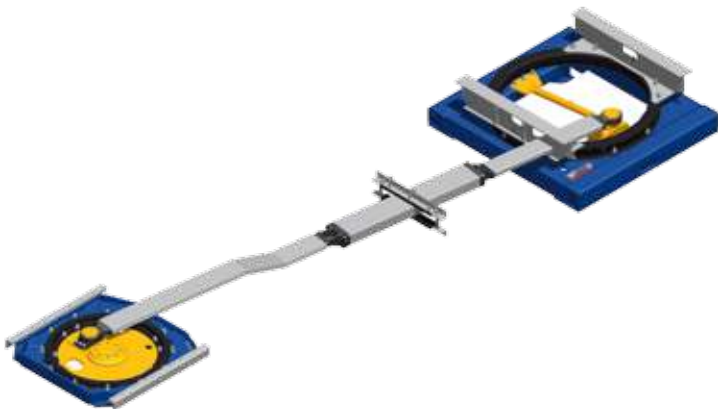


Winning technology

Light weight, compact, versatile

Due to its unique construction, the TD system has an extremely low weight and the required installation height of the fifth wheel plate is limited to 95 mm, so a low loading platform and a large internal volume can be achieved.

The TRIDEC TD system has been developed to make it suitable for every semi-trailer, as long as there is room for the steering rod. The axle mounting frame is suitable for axles of various sizes from all the major manufacturers.



All TRIDEC products are custom-built, but we use standard components wherever possible so spare parts are always available.



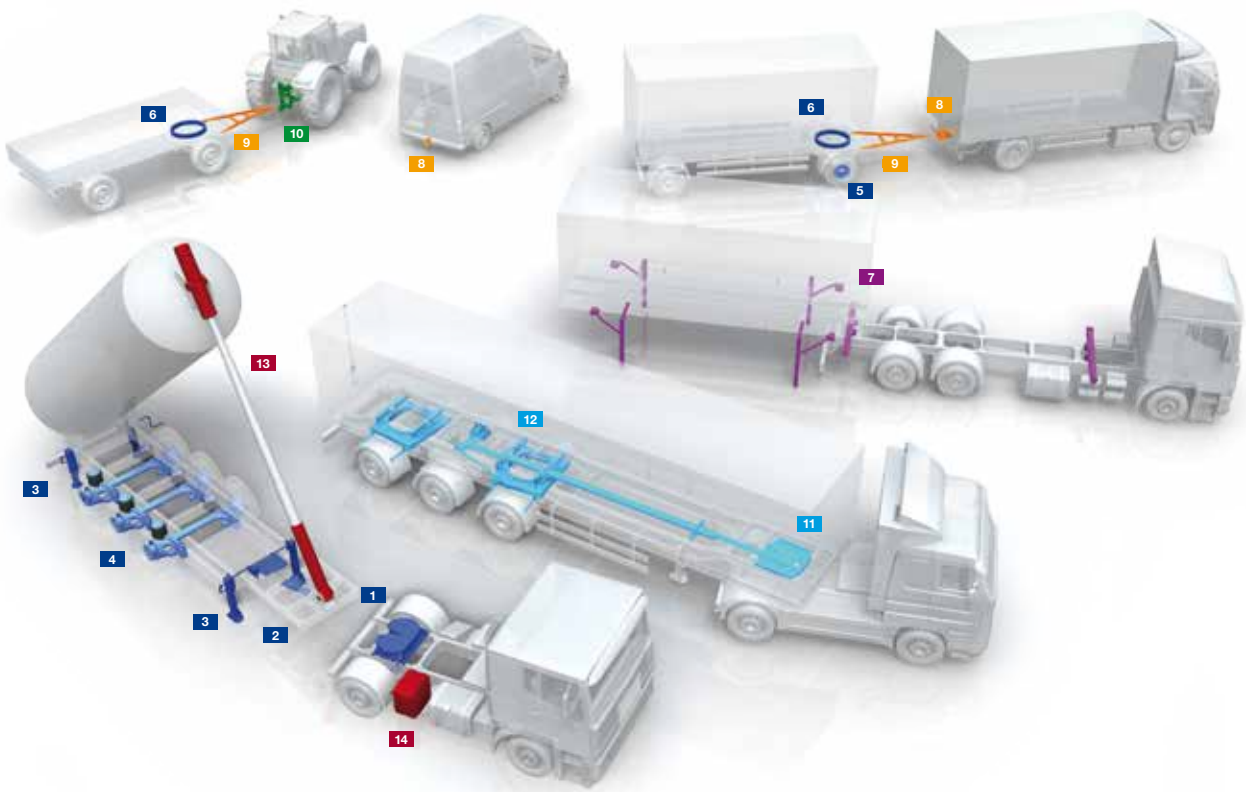
Splined bolt

Welding the thrust plates is no longer required due to the use of special TRIDEC screws for mounting the rim bearing on the chassis.

Maintenance

Maintenance of the TD system from TRIDEC is limited to lubricating the rim bearings several times, a visual inspection of the components and retightening the bolt connections. The rim bearings have a special sealing. All lubricating points are grouped together in an easily accessible location.

TRIDEC is an innovative company specialised in the development and manufacture of mechanical and hydraulic steering systems and axle suspension systems for all types of towed vehicles. TRIDEC has been part of JOST-World since 2008.



JUST



- 1 Fifth wheel couplings and systems**
2" and 3½" 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 3½" 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**
Wide range of weight-saving trailer axles with additional special equipment



- 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 tippers



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

Member of **JUST**-World

JUST, Germany Tel. +49 6102 295-0, jost-sales@jost-world.com, www.jost-world.com

TRIDEC, NL, Tel. +31 499 49 10 50, sales@tridec.com, www.tridec.com