

TD



Mechanical Steering System

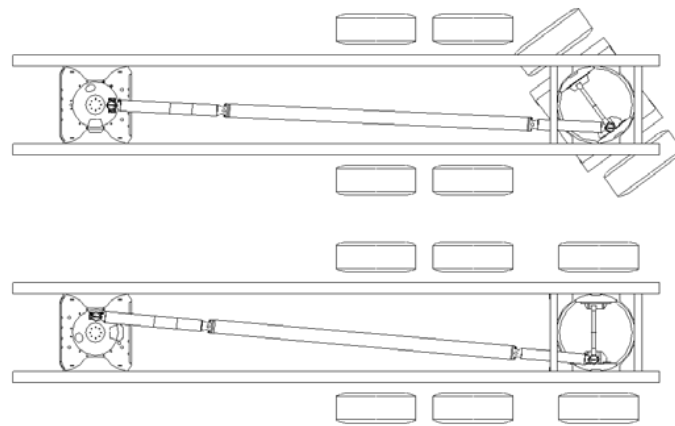


The mechanical steering system
for 1, 2 or 3-axle trailer



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

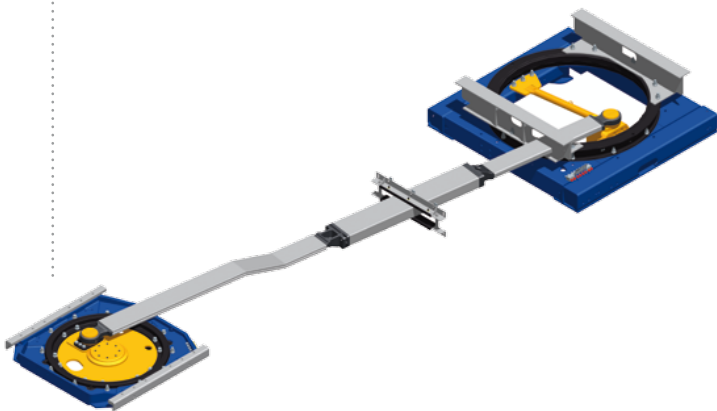


Winning technology

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

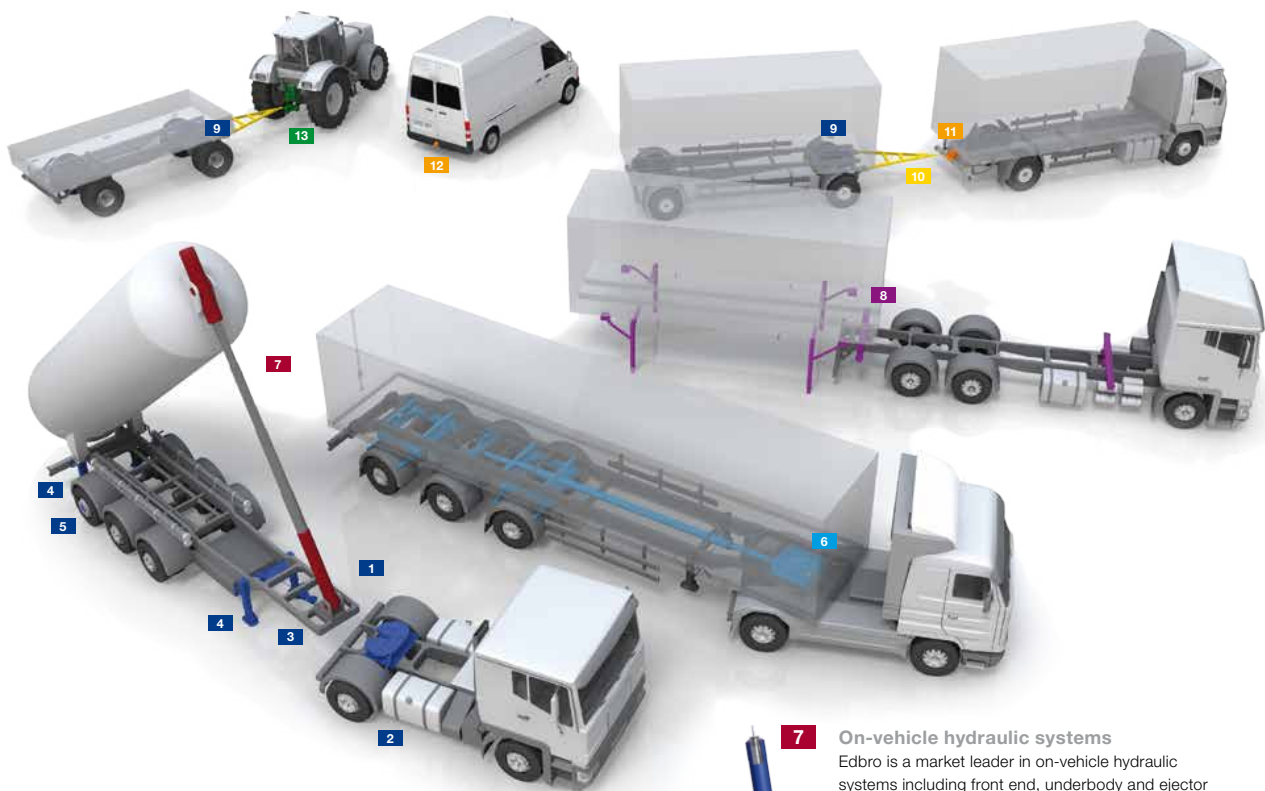
Welding the thrust plates is no longer required due to the use of special TRIDEC screws for mounting the rim bearing on the chassis.

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.

Products JOST-World



1 Systems
Sensor-controlled systems monitor and automate manual processes, thus providing for more safety and efficiency in your fleet.



2 Fifth wheel couplings
We offer a wide selection of fifth wheel couplings, 2" and 3 1/2" in a wide variety of mounting heights, bearing types and models. The program is completed by mounting plates, sliders and dual height fifth wheel systems.



3 King pins
King pins are available in 2" and 3 1/2" for all systems in various models.



4 Modul landing gear
Any customer specs can be fulfilled thanks to the landing gear's modular construction with variable mounting and bolting heights, its differing crank and connection shaft lengths and its four different foot types. Furthermore, JOST offers a multitude of special landing gears for special applications.



5 Hubodometer
The range of products includes various hubodometers for calculating the distance driven, independent of the vehicle, for all types of wheeled vehicles.



6 TRIDEC
TRIDEC develops and produces – independent from axle or trailer manufacturer – mechanically, hydraulically and electronically controlled steering systems for trailers as well as axle suspension systems.



7 On-vehicle hydraulic systems
Edbro is a market leader in on-vehicle hydraulic systems including front end, underbody and ejector cylinders, waste handling equipment and customised hydraulic kit solutions.



8 Container equipment
Parts for alternating systems, supports, locks and bolsters, swap body lifting devices, guide rollers and bearings – all components required in a flexible fleet.



9 Ball bearing turntables
The ball bearing turn tables and slewing rings were the first products that JOST produced. The wide range of top-quality ball bearing turn-tables is based on this experience.



10 Drawbars and drawbar eyes
Drawbars and towing eyes are available in various models and can be designed to suit the customer's specific needs.



11 Towing hitches
There is a multi-faceted range of products for road traffic available – towing hitches, hook trailer hitches, towing eyes, accessories and special models.



12 VARIOBLOC
VARIOBLOC is a multi-functional alternating system for transporters, cross-country vehicles and busses. Courtesy of a quick-change plate, it enables towing hitches, hitch balls or hook trailer hitches to be changed rapidly.



13 Agricultural hitches
An extraordinarily extensive range of products for agriculture and forestry: Towing hitches, trailer trestles, clutch carriers, towing eyes, drawbars and accessories.

JOST  **ROCKINGER**  **Edbro**

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