

# HF-S



## Hydraulic Steering System



The hydraulic steering system for steered axles in distribution transport



## Winning advantages

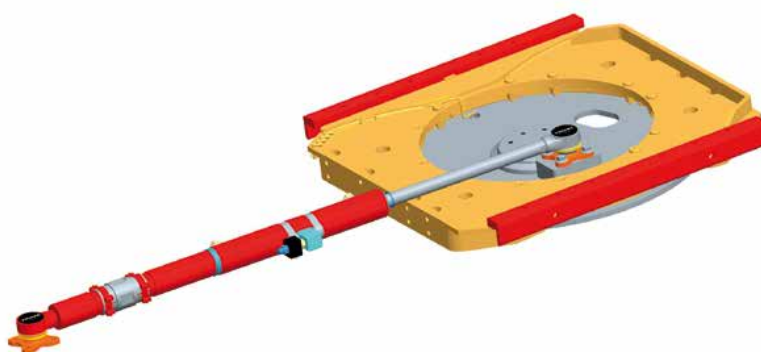
*Using a TRIDEC steering system, trailers can be more easily manoeuvred and require less space to get through tight spots or curves.*



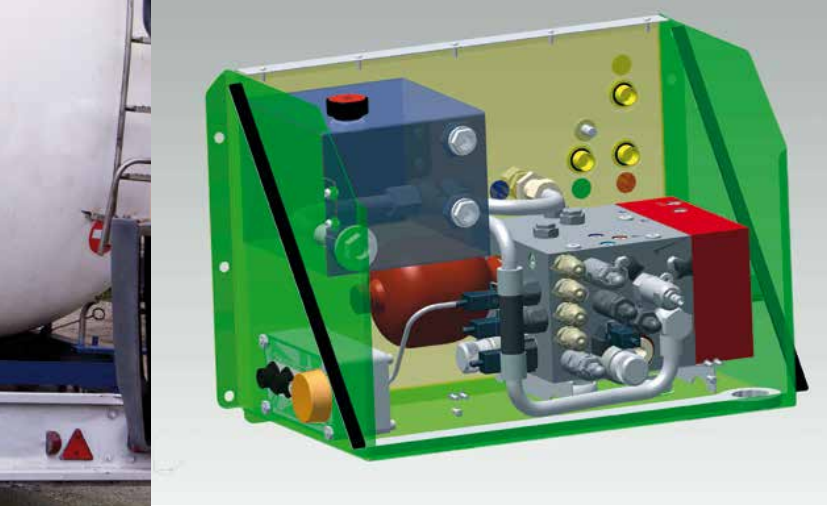
The TRIDEC HF-S hydraulic steering system is applied on trailers for many applications, mainly in distribution transport. This system is a light weight steering for steered axles that only asks for little mounting space, fitting most common trailer designs. It is an easy and cost effective replacement for self-steered axles, with the benefits of forced steering. The HF-S can also be installed on a tridem boogie, steering the first and last axle (counter steering), obtaining ideal weight distribution and preventing overloading on the driven truck's axle.

### Advantages

- light weight
- little mounting space
- little space required for wheel movement
- easy mounting
- simple design, no complex electronics, no batteries
- continuous automatic alignment
- constant pressure by accumulator
- 15, 18 king pin load
- axle supplier independent

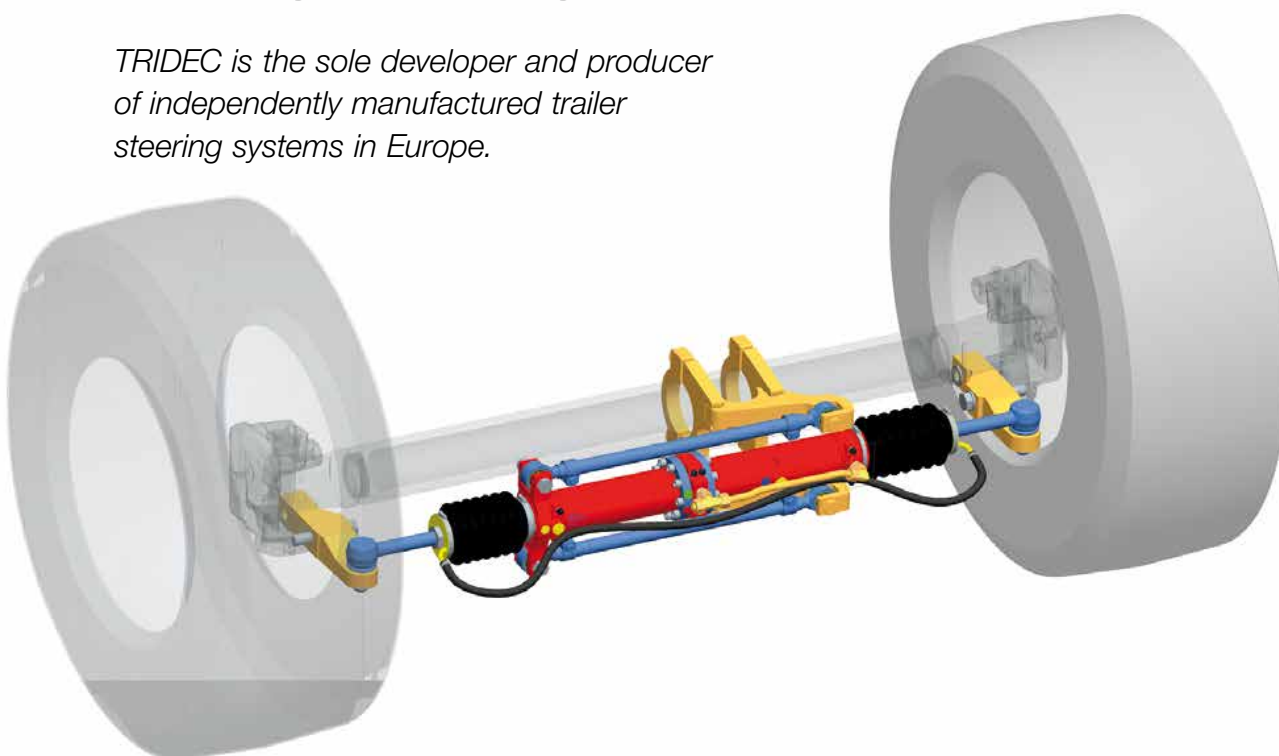






## Winning technology

*TRIDEC is the sole developer and producer of independently manufactured trailer steering systems in Europe.*



### **TRIDEC HF-S**

- single air tyre/axles (22 inch)
- 1 steered axle
- 2 steered axles X-steering

### **Axles**

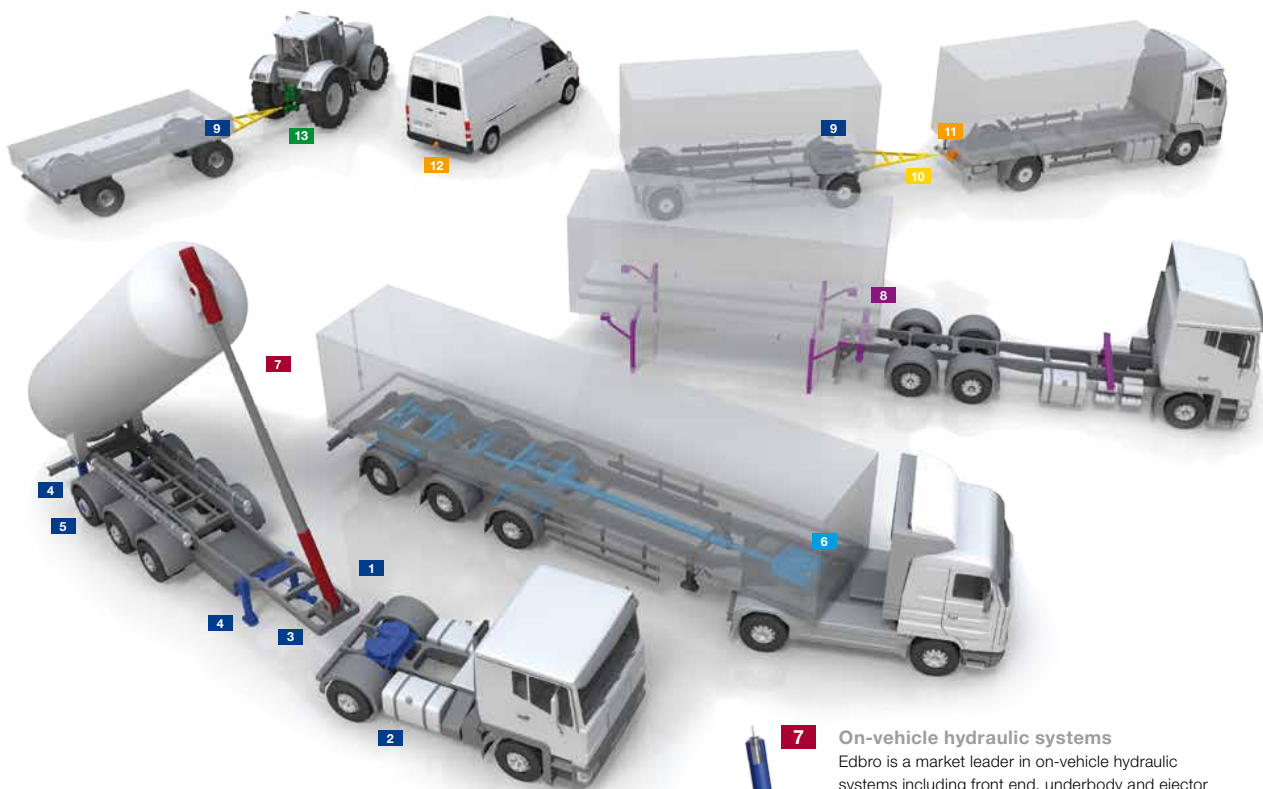
- 9 or 10 Tonne king pin steered axles
- spring leave on top of axle (ride height > 350mm)
- 2,090 or 2,100mm track

### **Applications HF-S**

- walking floor trailers
- bulk trailers
- milk collection trailers
- other distribution applications

*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** **TRIDEC** **Edbro**

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