



SPECIAL TRANSPORT

HF-E

**Hydraulic
steering system**



The hydraulic steering system for low loaders and semi low loaders.

HF-E

HF-E ADVANTAGES

THE HYDRAULIC STEERING SYSTEM FOR SWIVEL AXLES ON LOW LOADERS AND SEMI LOW LOADERS (steers up to 7 axles, extendible trailer applications possible)

- **HEAVY TRANSPORT / ROUGH TERRAIN**
- **OPTIMAL MANOEUVRABILITY**
- **OPTIMAL VERSATILITY**
- **LESS MAINTENANCE**

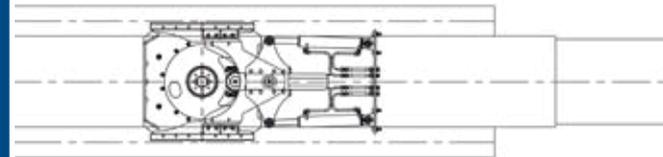
The TRIDEC HF-E hydraulic steering system is used on low loaders and semi-trailers with up to 7 steered axles, one or more of which may be steered swivel axles. The TRIDEC HF-E system is used for applications such as the transport of construction equipment or other loads with extremely large dimensions or weights. The HF-E system makes your vehicle suitable for heavy, extra long, extra high transport and can be used for extendible trailers.

The HF-E system can also be equipped with a manual steering system - The Tritronic - to make your vehicle even more manoeuvrable.

As an option, the system is also available with a central lubrication system.

Visit our website for additional information, and mail or call our sales department for an appointment.

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.



GREATER ACCESSIBILITY

- Optimal manoeuvrability
- Optimal stability
- Optimal versatility

OPTIMAL MANOEUVRABILITY

with Tritronic manual steering

- Wireless manual steering
- Automatic alignment
- 8 extra double-acting hydraulic functions possible (or 16 electrical functions)

SAVINGS ON

- Fuel consumption
- Tyre wear
- Vehicle maintenance
- Vehicle damage
- Damage to the surroundings

Low floor height

- **Higher loading height**

Noise reduction

- **Safety improvement**
- **Improvement of driver comfort**

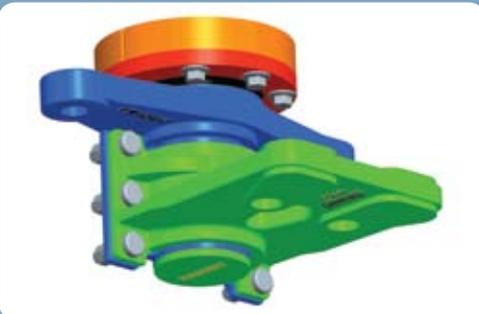
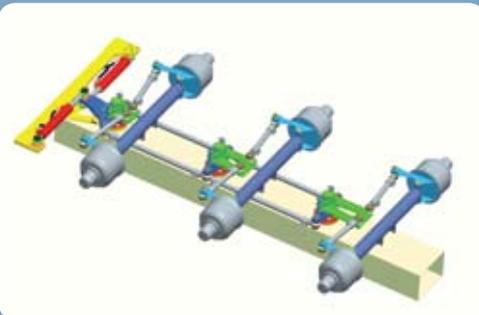
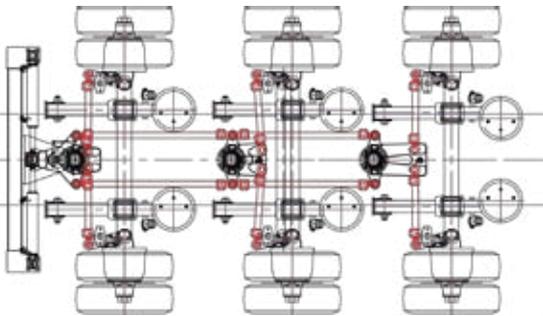
Maximum steering angle of 45°

- **Pressure relief for removable gooseneck**



HF-E TECHNOLOGY

HYDRAULIC



Engineering

Tridec has an advanced engineering department which is responsible for the entire technical preparation and processing of your order. By means of specially developed software, a turning circle calculation can be made that simulates the road space requirements of your trailer on the basis of the current legislation. By means of specially developed software, a turning circle calculation can be made that simulates the road behaviour of your trailer. Interference checks and construction recommendations provide you with a customised system for your chassis. This gives you a system with the perfect combination between optimum steering and minimum tyre wear.

Maintenance

Maintenance to the TRIDEC HF-E is limited to greasing the lubrication points of the fifth wheel plate a few times per year, visual inspection of the hydraulic components and testing the bolt connections. The bearings of the steering levers in the HF-E steering system are completely maintenance-free. This is possible because high-quality materials and a durable construction are used. The turntables are sealed by a special seal. In addition, all lubricating points are centralised at a single, easily accessible point.

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ISO 9001:2000



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RvA C 029

TRIDEC is ISO 9001:2000 certified.