

TP-0



Oscillating Axle Suspension



The oscillating axle suspension for extremely heavy transport such as the transport of bridge sections, excavators



Winning advantages

The oscillating axle suspension for extremely heavy transport such as: bridge sections, excavators, military vehicles



The TRIDEC TP-O oscillating axle suspension has been developed for extremely heavy transport. This oscillating axle suspension can be used in conjunction with the TRIDEC HFE steering system.

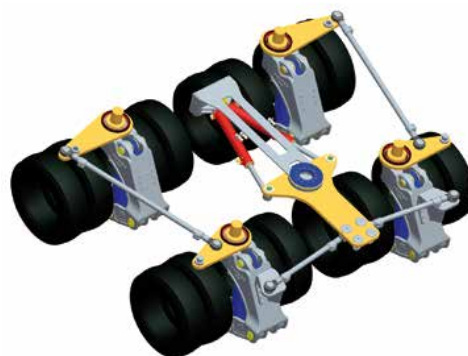
With this combination, a steering angle of 70 degrees can be achieved.

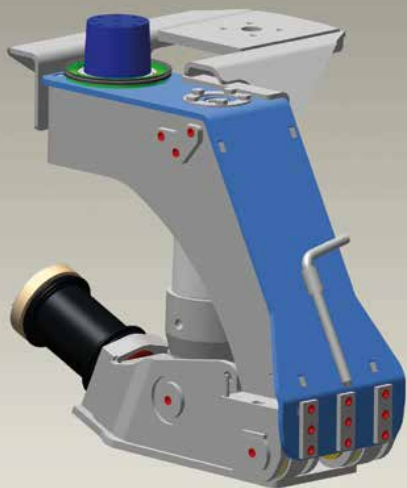
As a result, vehicles can be made for highly specialised transport applications with a fifth wheel load of 45 tonnes and a total axle load of more than 100 tonnes.

The TP-O distinguishes itself from the competition with its high-quality suspension that provides optimal oscillating motion made possible by its large range of spring travel.

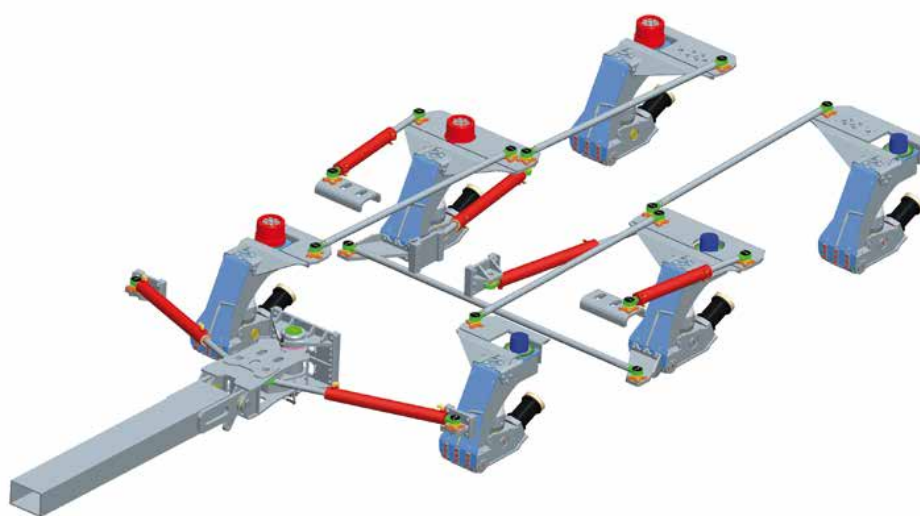
- Prevents overloaded axles
- Flexible
- High axle loads
 - 12 t per axle line with single tyres
 - 20 t per axle line with twin tyres
 - Higher axle loads are possible at lower speed
- Large spring travel
 - 0,5 metre
- Steering angles to 70 degrees
- Oscillated axles
- Simple installation
- Low maintenance

The TRIDEC TP-O axle suspension is easy to install, since all parts are pre-mounted as a unit. The steering-and-oscillation geometry is checked and recorded. The unit need then only be fastened into the bearing structure of the chassis in accordance with the instructions.





Winning technology



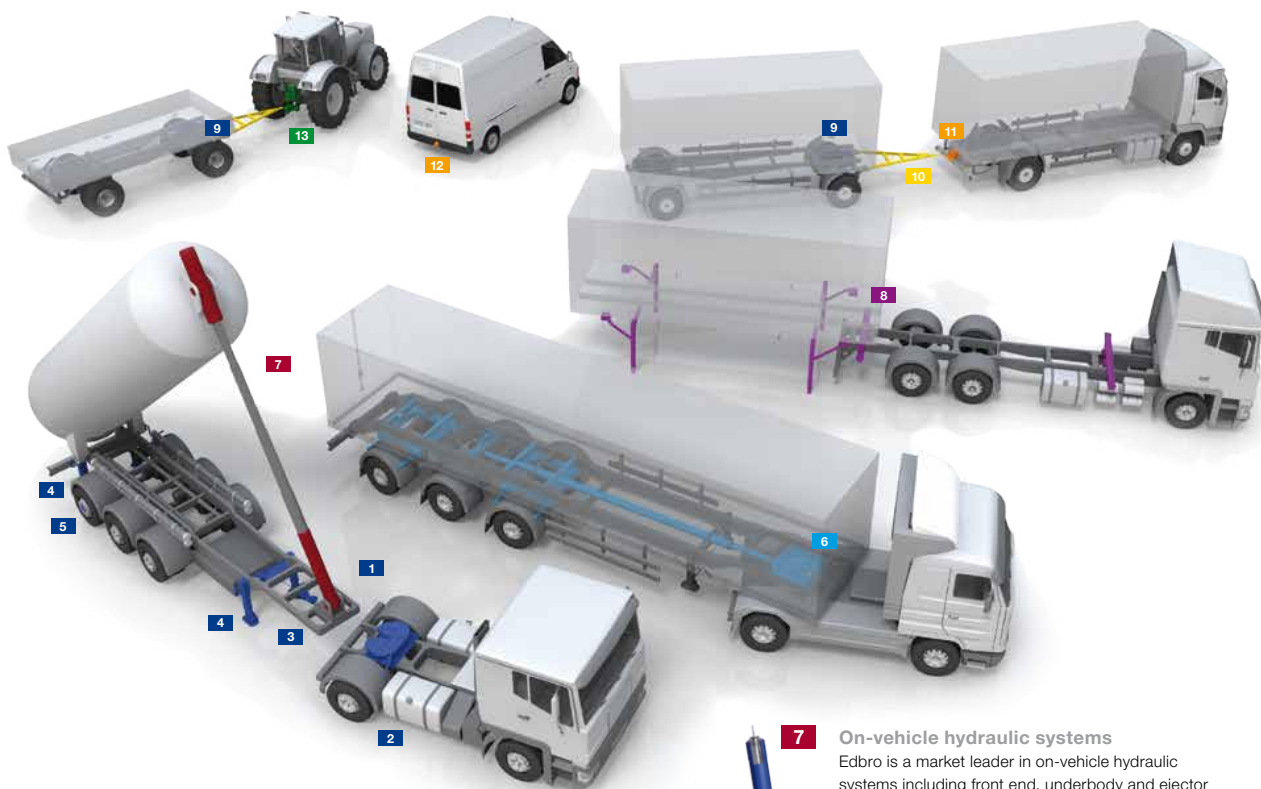
The TRIDEC TP-O axle suspension is low-maintenance. Maintenance is limited to checking a few bolt connections and visually inspecting the hydraulic components. The

high-quality materials and durable construction result in an increased service life and extended maintenance intervals.

	10 Tons	6 Tons	6 Tons Narrow spread
Tyres (Number of tyres per leg)	235/75 R17,5 or 245/70 R17,5 (4x)	285/75 R19,5 (2x)	245/70 R 17,5 (2x)
Spring travel (mm)	550	510	600
Min. floor height (mm)	945	1,050	900
Load per suspension (t)	10	6	6
Load at 5 km/h (t)	15	9	9
Track (mm)	910/980	680	540

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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