

# TP-0

## Oscillating axle suspension



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



## 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.

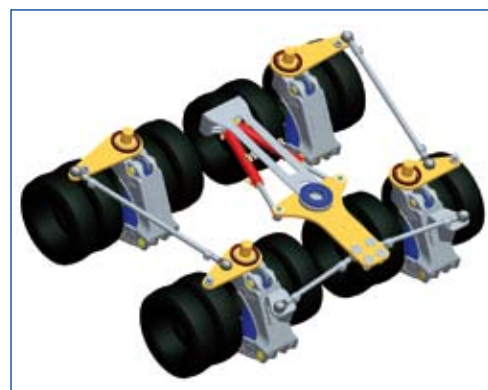
With this combination, a steering angle of 70 degrees can be achieved.

As a result, vehicles can be made for highly specialised transport applications with a coupling 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.

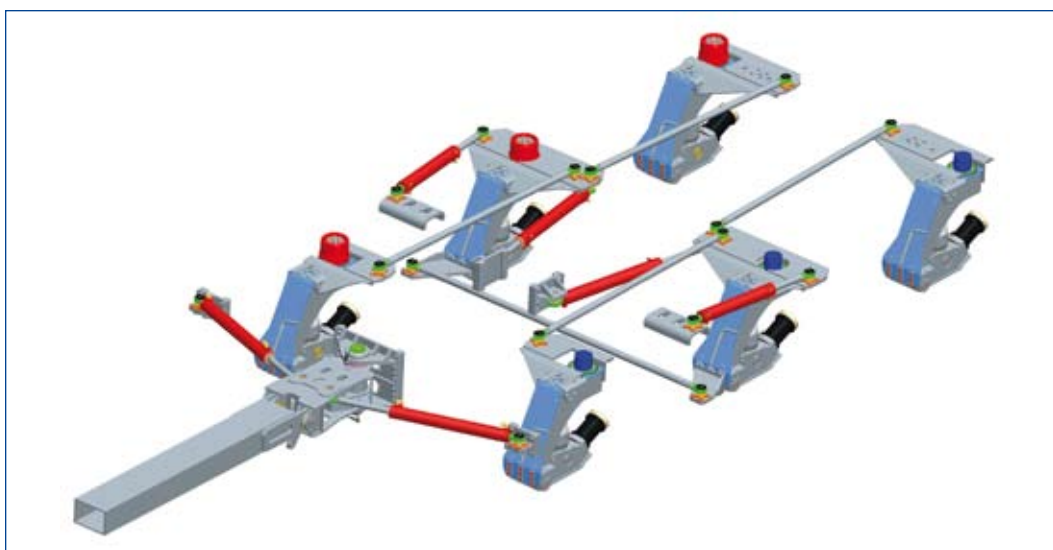
- Prevents overloaded axles
- Flexible
- High axle loads
  - 12T per axle line with single tyres
  - 20T per axle line with twin tyres
  - Higher axle loads are possible at lower speed
- Large spring travel
  - 0,5 metre
- Steering angles to 70%
- Oscillated axles
- Simple installation
- Low maintenance

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



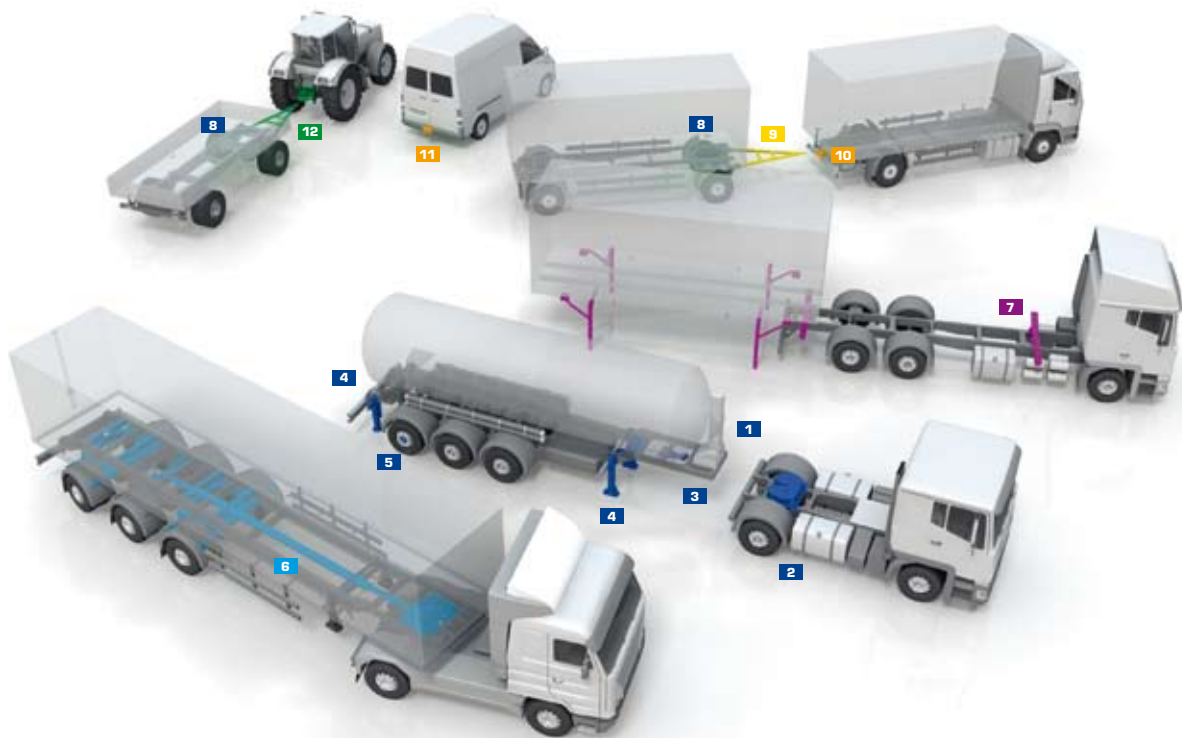
The TRIDEC TP-O axle suspension is low-maintenance. Maintenance is limited to checking a few bolt connections and visually inspecting the hydraulic components. The high-quality materials and durable construction result in an increased service life and extended maintenance intervals.

Please contact us for further information and special adaptations.

	10 Tons	6 Tons	6 Tons Narrow spread
<b>Tyres (Number of tyres per leg)</b>	235/75 R17,5 oder 245/70 R17,5 (4)	285/75 R19,5 (2)	245/70 R 17,5 (2)
<b>Spring travel (mm)</b>	550	510	600
<b>Min. floor height (mm)</b>	945	1050	900
<b>Load per suspension (t)</b>	10	6	6
<b>Load at 5 km/h (t)</b>	15	9	9
<b>Track (mm)</b>	980/910	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 of 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 hubo-dometers for calculating the distance driven, independent of the vehicle, for all types of wheeled vehicles.



## 6 TRIDEC

TRIDEC develops and produces independently manufactured mechanically and electronically controlled steering systems for trailers and wheel suspension systems.



## 7 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.



## 8 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 turntables is based on this experience.



## 9 Drawbars and drawbar eyes

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



## 10 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.



## 11 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.



## 12 Agricultural hitches

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

**JOST**



REGENSBURGER  
ZUGGABEL

