

TP-0

The swivel axle suspension for extreme transport such as the transport of bridge sections or heavy equipment





Winning advantages

TRIDEC's TP-O swivel-axle suspension offers the stability and reliability required for extreme jobs. A matching steering- and control-system provide optimal manoeuvrability with safest control.

Extreme loads ask for extra high loading capacity, large suspension travel and advanced vehicle-stability. The heavy duty hydraulic suspension offers superb compensating behaviour as required for extreme trailers with a large number of axle lines. The addition of neck-compensation, further increases roadworthiness. Precious goods are safely moved with the greatest comfort offered by gas-pressurized accumulators.

Combined with an HF-E steering system, the trailer becomes highly manoeuvrable, as steering axles reach up to 70deg. Double steering systems for drawbar-trailers or inter-dolly's are possible.

The unique Tritronic control system, offers the greatest ease of usage, with features such as automatic alignment, automatic ride height, alternative ride height and the possibility to control many other trailer functions.

High axle load

- heavy duty
- up to 20t per axle line
- overloading at low speeds

Large suspension travel

- up to 600mm
- swift deck raising and lowering

Advanced vehicle stability

- unique compensation behaviour
- advanced comfort

Optimal manoeuvrability

- in combination with TRIDEC steering system
- up to 70deg turning

Unique ease-of-control

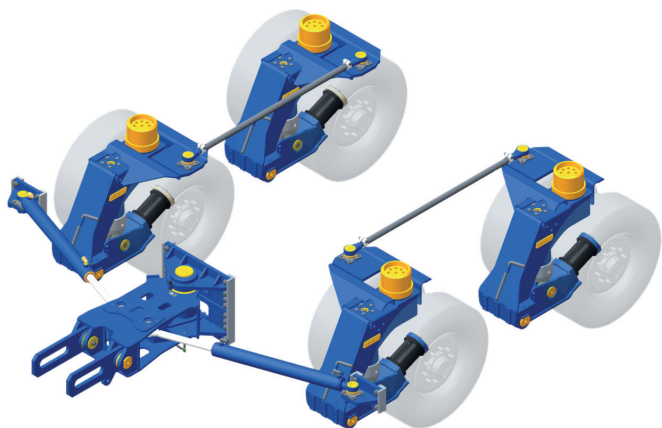
- in combination with TRIDEC Tritronic wireless remote control

Low maintenance

- sealed-for-life bearing constructions

Low deck height

- pin bearing construction instead of turntable





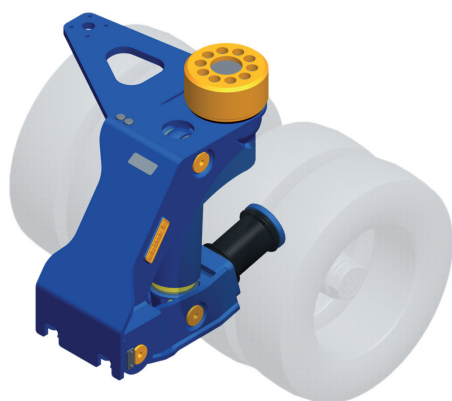
Winning technology

TRIDEC uses smart pin-bearings for the main pivot-point, instead of traditional turntables obtaining the lowest floor height. Three main-versions are available: 20t, 14t or 12t capacity per axle-line. At low speeds overloading is technically permitted.

Installation & maintenance

Installing the system is simple and quick thanks to TRIDEC's smart bolttable chassis construction and pre-mounted main components. Maintenance is kept to a bare minimum, thanks to the use of high quality materials, rubber bearings and 'sealed for life' constructions. KTL-treated parts offers outstanding corrosion protection and high quality cylinders match the heavy duty application. More technical information on the TP-O, HF-E and Tritronic systems can be found at www.tridec.com

Capacity / axle line	Tire / mounting	Track	Suspension travel	Floor height (fully dropped)
12t	235/75R17.5 or 245-70R17.5 Single mounting	540 mm	600 mm	900 mm
14t	285/70R19.5 Single mounting	680 mm	515 mm	1050 mm
20t	215/75R17.5 235/75R17,5 245/70R17.5 Twin mounting	Upon 735 mm	600 mm	950 mm



Trailers fitted with original TRIDEC steering systems and suspension offer the best option when it comes to safe cornering. These are often copied but never match to the TRIDEC quality standards. With solid and innovative solutions TRIDEC is the market leader for steering systems. Its reliability is demonstrated by over 50,000 systems delivered worldwide. Part of JOST-World. standards. With solid and innovative solutions TRIDEC is the market leader for steering systems. Its reliability is demonstrated by over 50,000 systems delivered worldwide. Part of JOST-World. You can rely on TRIDEC. Would you like to know which system is most suitable for you? Then please contact us. Due to the most comprehensive product range you can rely on TRIDEC to give you the best advice for your individual application.

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