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TRIDEC is ISO 9001:2000 certified.



LARGE VOLUME TRANSPORT

LV-0

*Independent
wheel suspension*



The wheel suspension system for double-decker distribution transport & the transport of glass and concrete panels



LV-0

LV-0 ADVANTAGES

THE INDEPENDENT WHEEL SUSPENSION SYSTEM THAT ALLOWS YOU TO INCREASE YOUR LOAD VOLUME

The TRIDEC independent wheel suspension LV-O (non-steered) is an advanced wheel suspension that makes it possible to create more load space in a trailer.

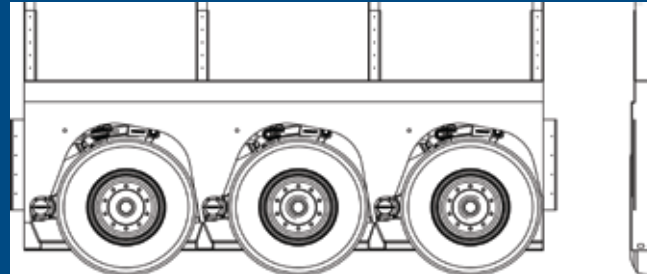
In addition to being deployed in double-decker vehicles, both trailers and semi-trailers, the LV-O can now also be used for transporting glass and concrete panels.

The LV-O has also been implemented successfully in car and boat transporters as well as in quiet city transport applications for the distribution of beverages, etc.

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

We are glad to assist and support you in increasing your transport efficiency and lowering your per-kilometre/per-tonne cost price for transport.

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..



- **XXL LOAD SPACE**
- **54 EURO PALLETS**
- **30% MORE ROLLING CONTAINERS**
- **> 100 M³ CAPACITY**
(for a 3-axle vehicle)

EXTRA LOAD SPACE

- Two load floors
- 2 Euro pallets between the wheels
- More than 100 m³ load space

- Reduction of axle spacing to 1310 mm
- 1620 mm width between the wheels
- No axle housing between the wheels
- Ground clearance is maintained

- **Minimal maintenance**
- **Improvement of safety through low centre-of-gravity**
- **Reduction of per-kilometre cost price per pallet**

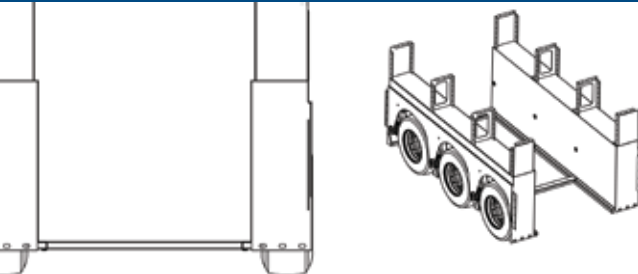
NUMEROUS APPLICATIONS POSSIBLE, INCLUDING:

- Transport of glass and concrete panels
- Car transport
- Boat transport
- Quiet city transport (loading and unloading of beverage bottles)



LV-O TECHNOLOGY

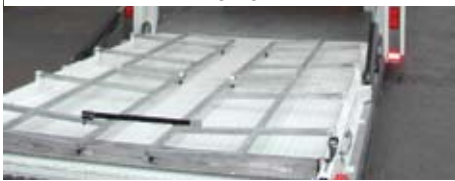
AXLE SUSPENSION



->110 m³<-



->1620 mm<-



Unique design

The LV-O is a unique construction that has been designed so there is no axle housing between the wheels. With a total trailer height of 4 metres, it is now possible to create two load floors, both of which are 1.83 m high, without compromising the ground clearance. The two load floors provide over 100 m³ of load space. With a vehicle width of 2550 mm, it is possible to achieve a width of 1620 mm between the wheel boxes, which is sufficient to accommodate two Euro pallets. This arrangement does not require the tyres to protrude beyond the wheel wells at all. With a distance of 1310 mm, more load surface remains in the vehicle.

Installation

A wheel box construction from Tridec saves the trailer builder considerable time because Tridec supplies a wheel box suitable for the trailer and chassis that can easily be mounted as a unit. The wheel box can even be galvanized with a screwed construction so the entire chassis can be modularly constructed. Once the wheel box has been installed, the wheel suspension can be fitted and the tracking can be easily adjusted using two adjustment bolts. Installation of the LV-O is simple because Tridec can supply a wheel box. The suspension can then be secured and the whole unit can be completely fitted.

Maintenance

The Tridec LV-O wheel suspension requires the minimum of maintenance, since high-quality materials and rubber bearings are used that do not require lubrication. The LV-O wheel suspension is thus low-maintenance.

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