

Fliegl Fahrzeugbau GmbH
Oberpöllnitzer Str. 8
07819 Triptis

Phone: +49 (0)36482 830-0
Fax: E- +49 (0)36482 830-60
Mail: presse@fliegl-fahrzeugbau.de
Internet: <http://www.fliegl-trailer.de>



Press release from March 11, 2025

Deep, robust and safe - the three-axle low loader trailers for heavy loads

Whether construction machinery, precast concrete parts, crane ballast or other machine parts - the DTS 300 three-axle low loader trailer from Fliegl is the ideal trailer for heavy and extra-wide loads.

The loading height in the drop deck is only 860 millimetres, one of the lowest on the market. The floor consists of 70 millimeter thick softwood planks made of larch, which have a higher coefficient of friction than hardwood, which is important when loading tracked excavators, for example. A narrow cross beam spacing in combination with the strong planks enables a particularly high point load.

For loads with excess width, steel extensions can be pulled out from the side of the frame, onto which planks can also be placed - resulting in a loading area up to 3 meters wide. The additional planks required for this are stored in a storage compartment in the middle of the low-loader. There are also extendable warning signs on the drive-on ramps, which are mandatory for excess width.

Ramps

The one-piece steel ramps, which are 2.8 meters long and 75 centimetres wide, are also fitted with thick larch wood, while the ramps themselves are hot-dip galvanized and optimally protected against corrosion. They can be moved individually to the side hydraulically; the two hydraulic cylinders are located behind the ramps and are therefore protected against damage. Tungsten carbide bushes on the ramp hinges ensure a long service life without the hinges failing.

Load securing

Many different loads require various load securing options. The DTS 300 offers plenty of them: 8 lashing holes in the outer frame with a tensile force of 5 tons each, 14 lashing mushrooms at the top and sides of the outer frame with a tensile force of 10 tons each; they are supplemented by two lashing cut-outs in the side member at the front on the offset with a tensile force of 10 tons each. There are also a further 10 ring lashing eyes with a tensile force of 5 tons in the outer frame, which can be converted into stanchion pockets if required. Four hinged lashing eyes, each with a tensile force of 10 tons, two each

Fliegl Fahrzeugbau GmbH
Oberpöllnitzer Str. 8
07819 Triptis

Phone: +49 (0)36482 830-0
Fax: E- +49 (0)36482 830-60
Mail: presse@fliegl-fahrzeugbau.de
Internet: <http://www.fliegl-trailer.de>



Press release from March 11, 2025

on the offset and embedded in the floor behind the last axle round off the package.

Useful details

In order to be able to load a 20-foot container as an option despite the sloping rear, Fliegl can supply a plug-in cross beam that compensates for the height difference of the slope - this ensures a level loading area. The rear support can be folded down directly below the rear slope during loading and unloading; the spray flap behind it extends across the entire width and prevents water and dirt from swirling up.

Fliegl offers a 15-year warranty against rusting through on the hot-dip galvanized and passivated frame. There is also a 15-year warranty on the robust and maintenance-free three-blade parabolic spring units; the drum brake axles with twin tires come from SAF and are laser-measured as usual at Fliegl - this ensures low tire wear and reduces fuel consumption. The Trailer Info Center provides data such as axle load and mileage.

The comprehensive LED package consists of multi-chamber rear lights with dynamic indicators, side marker lights as well as position and lane departure lights. Two LED work lights at the rear ensure an optimally illuminated working environment at all times; the warning signs are double LED-illuminated.

In order to be able to apply for the exemption permit required for some large and heavy transports in accordance with § 70 StVZO, an overall towing report is drawn up when the trailer is picked up in Triptis with the corresponding tractor unit.

Fliegl Fahrzeugbau GmbH

Oberpöllnitzer Str. 8
07819 Triptis

Phone: +49 (0)36482 830-0
Fax: E- +49 (0)36482 830-60
Mail: presse@fliegl-fahrzeugbau.de
Internet: <http://www.fliegl-trailer.de>



Press release from March 11, 2025

The most important facts at a glance

- Unladen weight basic version approx. 6,250 kg; technical payload 23,750 kg
- Length of loading area with rear slope: 6.5 m
- 70 mm thick larch planks on the loading floor and access ramps
- Loading area can be widened to 3 m
- Hydraulically foldable and laterally movable access ramps
- Holders for 20-foot containers
- Various LaSi options with ring lashing eyes, lashing mushrooms, hinged lashing eyes
- Overall train report for application for §70 approval

Fliegl exclusive: Every single axle of every trailer is precisely adjusted in the factory using a modern laser measuring system. As a result, the run with absolute tracking accuracy, have no more unnecessary tire wear and offer lower fuel consumption. Trailer efficiency defined by Fliegl. From the roof to the wheels: Vehicle concepts thought through to the end.

Fliegl Fahrzeugbau GmbH

INNOVATING FOR YOU - More than just a slogan

The company was in 1991 by Helmut Fliegl in Triptis/Thuringia. On the site of a former agricultural repair plant for axles and steering systems, one of the largest series manufacturers of commercial vehicles in Europe has since developed. With the opening of "Plant II" in 2005, one of the most modern production facilities for curtainsider semi-trailers, container chassis and tipper semi-trailers was into service. The product capacity in Plant II - combined with extremely short production times - guarantees that Fliegl can successfully market its products throughout Europe as a high-volume manufacturer. At the same time, the modern production facilities in "Plant I" ensure that special vehicle construction or custom-made products can continue to be manufactured reliably. The entire company is based on a sustainable product philosophy. Electricity is generated via photovoltaics and a combined heat and power plant, with any surplus being fed into the public grid. Thanks to these and many other measures - energy efficiency in the paint shop, complete LED lighting, use of recuperation in the high-bay warehouse - the company was the German Sustainability Award in 2016. The complete range of Fliegl Fahrzeugbau GmbH is available online around the clock at www.fliegl-trailer.de.