

Press release from 18 October 2022

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

Whether construction machinery, precast concrete parts, crane ballast or other machine parts - the DTS 300 three-axle lowbed 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-millimetre-thick softwood planks made of larch, which have a higher coefficient of friction than hardwood, important when loading tracked excavators, for example. For ventilation, the floor is laid with gaps between the planks, so it dries faster. A narrow cross beam spacing, in combination with the strong planks, allows for a particularly high point load.

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

The one-piece steel ramps in 2.8 metres length and 75 centimetres width are also equipped with thick larch wood, the ramps themselves are hot-dip galvanised and optimally protected against corrosion. They can be moved sideways hydraulically individually, the two hydraulic cylinders are located behind the ramps and are thus protected from damage. Tungsten carbide bushes on the ramp hinges ensure a long service life, without the hinges swinging out.

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 tonnes each, 14 lashing mushrooms on the top and sides of the outer frame with a tensile force of 10 tonnes each; they are supplemented by two lashing cut-outs in the longitudinal beam at the front on the bend with a tensile force of 10 tonnes each. In addition, there are another 10 ring lashing eyes with a tensile force of 5 tonnes in the outer frame; they can be converted into stanchion pockets if required. Four folding lashing eyes with a tensile force of 10 tonnes each, two each on the bend and recessed in the floor behind the last axle, complete the package.

Directly below the rear slope, the rear support can be folded down for loading and unloading; the spray flap behind it extends across the entire width and prevents water and dirt from being

Your contact on the phone

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Fliegl offers a 15-year warranty against rust-through on the hot-dip galvanised and passivated frame. The drum brake axles with twin tyres are laser-measured as usual for Fliegl - this ensures low tyre wear and reduces fuel consumption. The Trailer Info Centre provides data such as axle load and odometer.

The comprehensive LED package consists of multi-chamber tail lights with dynamic turn signals, 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 according to § 70 StVZO, which is necessary for some large and heavy transports, an overall towing certificate is drawn up when the trailer is collected in Triptis with the corresponding tractor unit.

The most important at a glance

- Unladen weight basic version approx. 6050 kg; technical payload 23,950 kg
- Length of loading area with rear slope: 6.5 m
- 70 mm thick larch planks on loading floor and ramps
- Loading area can be widened to 3 m
- Drive-on ramps can be folded hydraulically and moved sideways
- Various LaSi options with ring lashing eyes, lashing mushrooms, folding lashing eyes
- Overall towing appraisal for application for §70 approval

Fliegl Trailer at Bauma: **Outdoor Area North, Stand 721/9.**

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