

Fliegl Vehicle Construction GmbH
Oberpöllnitzer Str. 8
D-07819 Triptis
Phone+49 (0)36482 830-0
Fax+49 (0)36482 830-60
eMail presse@fliegl-fahrzeugbau.de
Internet <http://www.fliegl.com>



Press release from 18 October 2022

The flexible all-rounder

With the TPS 210 Jumbo-Z tandem low-loader trailer, Fliegl has a flexible all-rounder in its portfolio that can be used to transport practically anything from construction machinery to pallets to containers.

Loading area

When construction sites are set up for a longer period of time, office and living containers are often needed. Thanks to the latches embedded in the floor, a 20-foot container fits on the TPS 210; the latches are retractable and ensure a flat loading area when not in use. At the front, a pluggable 400-millimetre-high bulkhead made of 25-millimetre-thick hollow aluminium profiles forms the end.

The loading height in the drop deck is only 860 millimetres, the floor consists of 70 millimetre thick larch wood planks, which offer a particularly high coefficient of friction, as desired for load securing. A steel/chequer plate covering is used in the wheel housing area; the 900-millimetre-long rear slope is also made of 70-millimetre-thick wooden planks. For particularly wide loads, the loading area can be widened to 3 metres by means of side extensions.

The one-piece galvanised steel ramps are 2.8 metres long and 75 centimetres wide; they can be hydraulically raised, lowered and individually moved sideways. The toothed grating provides a lot of grip.

Load securing

Like every Fliegl vehicle, the low-loader offers plenty of lashing possibilities: 14 lashing mushrooms with a tensile force of 10 tonnes each are recessed in the top and sides of the outer frame, plus 10 ring lashing eyes with a tensile force of 5 tonnes each in the outer frame, which can be converted into stanchion pockets. Lashing straps and other LaSi equipment are stored in the stainless steel stowage box when not in use.

Your contact on the phone

Tina Böttcher +49 (0)36482 830-218

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Axles

The SAF drum brake axles with twin tyres are laser-measured as usual at Fliegl - this ensures low tyre wear and reduces fuel consumption. To enable the technical axle load of 10 tonnes, the axle spacing has been slightly offset; on the TPS 210, the EBS canbus signal supplies the axle load to a display in the cab.

Safety and lighting

Of course, the low-bed trailer is equipped with the prescribed safety markings: these include contour markings with white reflective stripes at the sides and red at the rear, a warning sign in accordance with ECE 70 and an LED rotating beacon at the rear. Two additional LED illuminated warning signs at the rear can be extended to a width of 3 metres.

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. The lighting package also includes two LED worklights at the rear and one each on the right and left sides.

Other useful details make the TPS 210 safer and more comfortable in everyday use: on the drawbar, the plugs and connections are parked in corresponding holders when not in use; thanks to the spare wheel, you are quickly mobile again in the event of a breakdown; the full-width spray flap keeps water and dirt on the ground and enables better visibility for the traffic behind.

The most important at a glance

- Tandem lowbed trailer, length of lowbed platform incl. rear slope 6.5 m
- Perm. payload: 13,100 kg, unladen weight: 4,900 kg
- Loading area in the drop deck can be widened to 3 m with planks
- 70 mm thick softwood floor for optimum coefficient of friction
- Air suspension with axle load display for application for exemption according to § 70 StVZO

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- Galvanised steel ramps with toothed grating covering, 2.8 m long, 75 cm wide;
hydraulically liftable, lowerable and movable

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

Your IAA trade fair contact for further information or enquiries:

Tina Mészáros

Tel.: 036482 830-218

Mobile: 01514 0237361

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Tina Böttcher +49 (0)36482 830-218