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Presseinformation vom 09. September 2022

More length, more load, more efficiency

Chassis and load securing

With an interior length of 15.03 metres, the X-tra Long MegaRunner offers plenty of space – namely up to 10 m³ more loading volume than standard trailers, which in turn means up to 3 more pallet spaces, bringing more money and greatly reducing CO₂ emissions.

To ensure that the load is delivered safely to the customer, the trailer is equipped with the slightly oblique outer frame with Load-Lock profile for easy securing of lashing straps. In addition, there are 28 lashing lugs, each with a tensile force of 2.5 tonnes; the patented Load-Lock-Cross system for securing the lashing straps is mounted in the crossbeam under the outer frame. The Easy Fix strap retaining system for 12 lashing straps makes securing loads even quicker and easier.

The 140-mm high crash blocker on the front and the heavy-duty lateral pallet stops also provide added safety. The pallet stops offer a lashing option every 200 millimetres. Heavy-Push outer frame reinforcement protects the chassis if a forklift happens to bump into it.

To make loading and unloading processes as efficient as possible, Fliegl equips its rear doors with its own opening system, the Fliegl I-Lock (stands for integrated lock), as standard. Fliegl removes a superfluous component: Instead of being hooked into a superimposed mating component, the hooks of the door leaves now engage directly in the vehicle frame. This innovation sets new standards when it comes to operating convenience and safety: The handle always remains in the right position, and the door can be closed immediately – without the need to “hook it in”. The risk of damage is minimal, and the handle itself is easy to replace if necessary. I-Lock saves time, repair and spare parts costs. The Fliegl vehicle rear is practically unkaputtbar, as it does without the parts which, at present, could easily be damaged.

Floor

So that even heavy forklifts with an axle load of up to 7,900 kilos can be driven onto the loading floor, the 30-millimetre-thick resin-coated plywood plates are supported by 8 longitudinal beams. The floor is jointed on all sides, with a steel/checker plate surface on top over a length of 30 centimetres in the rear area.

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Tarpaulin

Time is money, and nowhere more so than in the just-in-time contract logistics business. Thanks to the Quick Lock tarpaulin central release fastener, all fasteners on the left side curtain can be opened in just a second with a single movement. Fliegl offers a lifelong functional warranty on the shaft. The trade fair vehicle has high-strength spring steel strips embedded in the spring curtain tarp, doing away with the need for drop-in slats. The ingenious detail here: symbiosis with the Fliegl QTS quick repair system. Replaceable tarp straps in which the spring steel is embedded and optimised tarp rollers weighing only 90 g/piece allow immediate and extremely quick repair in the event of damage. This prevents downtimes and saves cash.

On the right side, the tarpaulin is equipped with cut protection in a grid of 150 x 200 millimetres. All tarpaulins and the roof are reinforced with welded-in horizontal and vertical straps. For frequent opening and closing, Fliegl mounts heavy-duty sliders.

Roof

The plastic-free Fliegl Blitz canopy top slides from the rear to the front in the twinkling of an eye. Say no to plastics: Instead of the usual plastic components, Fliegl uses exclusively spring wire for its Blitz canopy top. This has several advantages: The wire is considerably more durable, does not become brittle through material fatigue, withstands the rough and tumble of an entire vehicle lifetime and can then be recycled. In this way, Fliegl reduces wear and creates a resource cycle in keeping with its commitment to sustainability. All that and 39 cm more space for loading and unloading, as the wire elements can be pushed far closer together and positioned much more space-savingly than their plastic predecessors. Anyone who uses cranes or loads and unloads large, indivisible goods will appreciate those extra 39 cm. The canopy top remains reliably and precisely in any opening position – without rebounding or bending upwards again – without locking mechanism or technical aids. The Fliegl Blitz canopy top saves a good 25% time when opening and closing the roof, makes handling faster, safer, more convenient. And it is around 10 kg lighter than other constructions on the market. A further advantage is its repair-friendliness – individual roof bows can be replaced simply and as quick as lightning.

The inside height of 3 metres means that three swap containers as used in automobile logistics can be stacked on top of each other. In order to achieve the full loading height during loading, Fliegl uses its special non-elastic roof pillar made from high-strength aluminium. It does not sag,

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even with all side posts open – this makes loading and unloading with a forklift easier. Thanks to the EcoLift lifting system with gas-pressure-spring support, the roof can be raised by 380 millimetres. This also compensates for the 15 to 20 mm greater loading height created by the pallet stops. The Anti-Ice System, an inflatable hose under the roof tarpaulin, makes sure no rainwater collects and then freezes in winter; no more time-consuming removal of the ice from roof tarpaulins.

Axles

The trailer rolls on SAF disk brake axles and lightweight aluminium rims. To avoid unnecessary tyre wear and ensure low fuel consumption, the axles are precisely set by laser at the Fliegl factory. Up to a speed of 20 km/h, the last axle can be relieved as a manoeuvring aid. The Trailer Infocenter displays data such as axle loads, mileage, diagnosis and system messages.

Other features

The comprehensive LED package comprises rear light clusters with dynamic indicators, side marking lights, position lights and tracking lights. One LED working light each on the right and left plus two at the rear ensure optimum lighting during manoeuvring. A sliding plate reinforcement at the front on the left and right in front of the kingpin prevents collision damage.

On the patented I-Lock fastener, the hooks of the door leaves engage directly in a recess in the frame. The usual counterpart component is thus not required. This saves energy and prevents damage during loading.

The two 6-kg powder fire extinguishers ensure safety. The robust structure is certified both to DIN EN 12642 Code XL, VDI 2700 sheet 12 ff. and DL 9.5. Fliegl offers a 10-year warranty against perforation corrosion.

Key points at a glance

- 15.03 metres inside length for up to 3 more pallet spaces more than in a standard trailer
- EcoLift lifting roof, roof non-elastic, sliding canopy with folding end lift
- Automatic axle relief as a manoeuvring aid
- Reinforced loading floor with 8 longitudinal beams for high forklift axle loads
- Structure Code XL- and DL 9.5-certified, beverage certificate

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INNOVATING FOR YOU

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- Crash blocker on the bottom front, side pallet stops in heavy-duty design
- Heavy Push frame – outer frame reinforcement for intensive loading from the side
- Pro Slide slide-on plate for protection during coupling
- Integrated I-Lock door fastener

Fliegl Trailer at IAA transportation in Hannover: **Hall 27/C37** and open area **K42**.

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