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Presseinformation vom 09. September 2022

More efficient coil transport

Chassis and load securing

Thanks to lightweight construction and depending on the specific equipment package, the Fliegl RoadRunner Greenlight curtainsider trailer enters the ring with an unladen weight from as low as around 5500 kilos and a payload of more than 28 tonnes. The coil trough is 7.04 metres long and can accommodate coils with a diameter of 90 to 210 centimetres.

As load securing is of crucial importance, the RoadRunner offers various lashing options: In the area of the coil trough with its 6 coil supports, there are 18 lashing lugs, each with a tensile force of 5 tonnes, plus two further lashing lugs in the side member in front of the coil trough. In addition, lashing straps can be fastened to the Load-Lock profile, the slightly tapered outer frame. And the patented Load-Lock-Cross system for securing the lashing straps is mounted in the crossbeam under the outer frame, ideal for securing extra-wide loads.

The 140-mm high crash blocker on the front and the heavy-duty lateral bolted pallet stops also provide added safety. The pallet stops offer a lashing option every 200 millimetres. Fully equipped, the RoadRunner offers more than 500 lashing options!

Floor

The floor is 30-millimetres thick, made from coated plywood plates which are sealed all round and is suitable for a stacker axle load of up to 5600 kilos; in the rear area, it is overlaid with steel/chequer plate over a length of 30 centimetres.

Axles

A slightly offset wheelbase gives the trailer a maximum permissible total train weight of 44 tonnes. The RoadRunner has SAF axles, the first of which is designed as an automatic lift axle, including approach aid and forced lowering: Up to an axle overload of 30% and a maximum speed of 25 km/h, the first axle can remain raised in loaded condition in order to improve traction. The Trailer Infocenter provides information on axle loads, mileage as well as diagnosis and system messages

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Every axle which leaves the Fliegl factory is measured and precisely set using lasers, thus reducing wear on tyres and ensuring lower fuel consumption thanks to lower rolling resistance. The tyre pressure monitoring system, which warns when the tyre pressure is too low or the tyre temperature too high, also contributes to failsafe performance.

Tarpaulin and roof

Quick loading and unloading earns you points with the customer, and the Fliegl Blitz canopy top can be opened in the twinkling of an eye for access to the load surface. The sturdy roof non-elastic, with its non-sagging roof pillar, allows you to load even high goods without bumping into anything. The left-hand tarp can also be opened quickly and easily - thanks to the Quick Lock system. Fliegl offers

a lifelong functional warranty on the shaft. Alternatively, the fasteners can be used as direct tarpaulin tensioners, on the right in the direction of travel on the trade fair vehicle.

Welded-in horizontal and vertical straps make the side sliding curtain particularly durable, while on the left side of the trade fair vehicle, high-strength embedded spring steel strips provide added stability and remove the need for drop-in slats.

Other features

Clever details make the SDS 390 Greenlight Coil safe, convenient and efficient in everyday life in the transport industry. For the first time at the IAA, Fliegl is presenting a new system which facilitates frequent connection and disconnection of the supply lines. On the F-CON system, the trailer-side supply lines are bolted tight in an adapter plate with handle; for connection and disconnection, all you need to do is insert the plate into the mating component on the side behind the cab of the truck and lock it in place with a lever. No need for dangerous climbing around on the slippery towing vehicle in snow and ice; in order to connect the trailer, the driver no longer needs to squeeze into narrow spaces behind cooling units or, in the case of under-hitch systems, crawl under the vehicle.

Pro-Slide slide-on plate for protection against damage during hitching, the Anti-Ice System under the roof tarpaulin reliably prevents water collecting on the roof and freezing in winter; while the Easy-Fix strap holder system in the roof cross bows facilitates load securing. On the patented I-Lock fastener, the hooks of the door leaves engage directly in a recess in the frame. The usual

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counterpart component is thus not required. This saves energy and prevents damage during loading.

The large pallet box can hold 24 Euro pallets, and a LadeBox insert for the box makes sure everything stays neat and tidy, because the two galvanised drawers offer enough space for up to 20 lashing straps and ratchets. Up to 60 anti-slip mats and 26 edge protectors can be stored in the two plastic containers. Also on board are two 6-kg powder fire extinguishers, a spare wheel holder and a toolbox including drawer and shelf.

The comprehensive LED package comprises rear light clusters with dynamic indicators, side marking lights, position lights and tracking lights. Two LED working lights at the rear of the vehicle ensure optimum lighting while manoeuvring.

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.

Première at the IAA: two new load securing systems

For the first time at the IAA, Fliegl is presenting two completely new load securing developments in the RoadRunner: a double-decker system as well as a special holder for gas cylinder racks.

1. Vario Floor (double-decker system)

The Vario Floor system brings a second level to the trailer, creating twice as much space, in particular for loads which are normally not stackable. A frame of standard pallet size can be inserted between two Vario Walls and the pallets placed on this frame. Optionally, a durable coated plywood floor is available; it goes without saying that the system is variable and can be individually length-adjusted and expanded to suit the specific customer requirements. Each Vario Wall can be moved lengthways easily by one person.

2. Quick Safety Bar (holder for transporting gas cylinders)

The Quick Safety Bar was developed especially for securing gas cylinder transport racks. The perforated hollow profile with two spring locking bars connects the gas cylinder rack with the lateral pallet stop of the trailer. The first spring locking bar prevents the load sliding forwards or backwards, while the second fixes the frame in position at the side. 20 hollow profiles are

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necessary to equip the total inside length of a trailer (13.6 metres) for trailers with a length of 7.3 metres, 12 profiles are enough. And of course, it is possible to transport two racks side-by-side.

Key points at a glance

- Payload perm./techn.: 28,599 /32,599 kg
- Unladen weight of basic version from 5500 kg
- Coil trough with 6 coil pockets and supports
- 18 lashing lugs, each with a tensile force of 5 tonnes
- Offset wheelbase for 44 tonnes in combined transport
- Integrated patented I-Lock door fastener
- Steel crash blocker, inside, bottom, 140 mm high
- Fliegl Blitz canopy top, L-roof pillar and roof non-elastic
- Anti-Ice system, Easy-Fix strap holders, tyre pressure monitoring system
- Quick-Lock system with central tarpaulin lock
- Structure certified to EN 12642 XL, DL 9.5 and VDI 2700 Sheet 12 ff

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

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