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Press release from 09 September 2022

Efficient, lightweight, robust The Revolution tippers from Fliegl

With the DHKA 350 "Revolution" tipper trailer from Fliegl, contractors earn more money from the very first journey - thanks to up to 1000 kg more payload and lower unladen weight.

Saving fuel is more important than ever, and in the case of construction vehicles, frequent empty runs can hardly be avoided, for example on the way back from a construction site. Therefore, in addition to a high payload, a low empty weight is particularly important. The DHKA 350 Revolution dump semi-trailer offers both: Fliegl achieves a payload of 31,100 kg with an empty weight of only 3900 kg with the vehicle on display. A record in the industry!

Lightweight construction and efficiency

The lightweight chassis with patented curved front end rolls on polished aluminium rims, the side walls of the aluminium body consist of 30 mm thick hollow chamber profiles and are only 1,450 mm high on the 25 m³ version on display. This means that the tipper trailer is lower than the driver's cab - which also ensures lower air resistance, as does the sliding roof. When the top is closed, the airstream no longer catches on the tailgate when the body is empty, which is also curved and reduces air resistance. Low rolling resistance, low fuel consumption and less tyre wear are ensured by the axles, which are measured by laser and precisely adjusted at the factory.

Details

The clever details of the tipping semi-trailer are convincing in everyday use: thanks to the special integrated mudguards, bulk material that has gone astray falls straight to the ground when loading - and not onto the road later. The conical and aerodynamically shaped Greenline troughs are 5 cm wider at the rear than at the front so that no cargo gets stuck; thanks to the rubber seal, the membrane flap is virtually watertight, ideal for moist bulk materials. The double-jointed hinge facilitates tipping by opening the tailgate particularly wide. Thanks to the electric drive, the inconvenient manual opening and closing of the soft top is no longer necessary; the driver can operate the Cramaro sliding soft top either directly on the trailer or by radio remote control.

Your contact on the phone

Tina Böttcher +49 (0)36482 830-218

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When the tractor's drive axle loses traction on wet, muddy construction sites, the starting aid comes into play: The 1st axle is designed as a lift axle that can be raised up to a 30 percent axle load excess. From a speed of 25 km/h, the axle automatically lowers again. SAF disc brake axles in off-road design are used.

Security

Good light contributes to more safety, not only in the dark season. Two LED headlights at the rear illuminate the rear working area; the multi-chamber rear lights with dynamic indicator, side marker lights as well as position and lane departure lights are also installed in LED design. The aluminium suspension ladder "safety plus" also ensures greater working safety.

Longevity

Robustness counts in tough everyday construction site conditions, and Fliegl proves that lightweight construction and durability are not mutually exclusive: The 5 mm thick aluminium plates of the trough are particularly light, but with a hardness of 110 Brinell, the surface is very hard and abrasion-resistant - this ensures low wear even with abrasive goods.

Fliegl offers a 10-year warranty against rust-through of the frame. As the only vehicle manufacturer, Fliegl also keeps an eye on the air suspension mounts; they are located at the lowest point of the vehicle and are permanently exposed to dirt and moisture in everyday construction site use. Thanks to hot-dip galvanising of the air suspension arms, nothing stands in the way of many years of operation.

The most important at a glance

- Up to 1000 kg more payload and available from 3900 kg unladen weight
- Curved chassis made of hardened steel, combined with trough made of lightweight aluminium
- Conical aluminium trough, only 1,450 millimetres high (25 m³ variant)
- Galvanised air spring mounts with 10-year anti-rust guarantee

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- Electric Cramaro convertible top (roll-up tarpaulin and standing platform available)
- Diaphragm tailgate with double-joint hinge, clamping screws, rubber seal
- Stone-repellent integral mudguards

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

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