

Press release from 18 October 2022

Robust lightweight with high payload

In the tipper segment, what counts most is a high payload with a low unladen weight, and Fliegl can serve with that: the ZHKS 330 two-axle tipper semitrailer with steel body offers a payload of 26,872 kilograms with a volume of 27 cubic metres. With an empty weight of 5,128 kilograms, the ZHKS saves on empty runs on the way back from a construction site. Whether the trailer is to be mounted on a two-axle or three-axle tractor is irrelevant, because Fliegl installs a horizontally adjustable kingpin mount.

Trough

The side parts of the payload-optimised round body are made of 4 millimetre thick wear-resistant steel; the floor is 4 millimetres thick in the front area and 5 millimetres thick in the higher-load shake-off zone. Thanks to the conical shape, the trough is 8 centimetres wider at the rear than at the front, no load gets stuck. This is also ensured by the absolutely smooth surface without stops in the rear area. Even without an additional seal, the curved membrane flap is almost completely tight; moist bulk material remains in the trough.

Canopy and rear wall

The Cramaro "Cabriole" sliding roof also ensures that the load stays in the trough. Thanks to the electric drive and radio remote control, there is no need for tiresome manual opening and closing. In addition, the air resistance is reduced when the soft top is closed; the wind can no longer catch on the rear wall flap when the body is empty - this also saves fuel. The tailgate can be opened hydraulically and offers a particularly large opening towards the top; in addition, a grain slide has been mounted in the centre.

Like every vehicle from Fliegl, the ZHKS 330 StoneMaster also offers well thought-out details, which above all ensure the durability of the tipper trailer: The upper belt, for example, is made particularly robust, so if the excavator or wheel loader should ever bump into it during loading, the body remains in shape - expensive repairs are no longer necessary.

Useful details

The underride guard folds in automatically and pneumatically as soon as the body is raised and out again as soon as it is lowered. The tipping joint of the body is coated with copper paste ex works.

Your contact on the phone

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which adheres much longer than conventional grease. All supply connections as well as bucket and broom are easily accessible at the front of the vehicle. After unhitching, standard cross braces on the 24-tonne two-speed support winch ensure stability. Until the next use, the hydraulic hose is parked in its holder and does not lie on the ground - this keeps the coupling clean.

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. The ZHKS 330 rolls on SAF disc brake axles in off-road design, which are measured by laser and perfectly adjusted ex works. This ensures low rolling resistance, low consumption and less tyre wear. The aluminium rims contribute to the low unladen weight.

Security

Good light contributes to greater safety, not only in the dark season. Two protected 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 with "safety plus" also ensures greater working safety.

Longevity

Fliegl gives a 10-year guarantee against rusting through on the painted frame. The arms of the air suspension mounts also last longer than those of other manufacturers. They are located at the lowest point of the vehicle and are constantly exposed to dirt and moisture. Fliegl is therefore the only manufacturer to galvanise the air suspension arms and also offers a 10-year anti-rust guarantee.

The most important things at a glance:

- Perm. payload: 26,872 kg, unladen weight: 5,128 kg
- 27 cubic metres load volume
- Conical round trough made of steel, only 1,600 millimetres high

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- 1st axle as lift axle with starting aid
- Pneumatic, automatic underrun protection
- Hydraulic tailgate, with grain pusher
- Cramaro sliding roof, electrically operated by remote control
- Adjustable king pin mount, for two- or three-axle tractors
- Galvanised air spring mounts with 10-year anti-rust guarantee

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

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