



Three-way tipper
HKD 302-S / TKD 302-S





2



Three-way tipper HKD 302-S / TKD 302-S

Modern chassis technology means it feels like you are driving on rails.

The 18 tonne articulated train has established itself in agricultural use as the most economic and flexible transport combination. As harvesting machines become more and more powerful, larger and larger transport capacities are needed. At the same time, high transport speed must be guaranteed and both the tractor unit and the trailer must meet the same standards. We recognised this trend early and specialised on high-speed technology completely as one of the first providers in the industry. When hitched up, the *agroliner* has particularly stable tracking characteristics which provide the driver with a large degree of security and trust.

Maximum transport performance.

The three-way tipper with its hydraulically opening side board wall is an all-rounder. This means it is no problem to not only unload the usual free-flowing materials, but also goods that don't slide easily, such as silage maize or compost. For lighter bulk cargo, the loading volume can be designed to be up to 29 m³ (in combination with two trailers a huge 58 m³). These tippers also remain a fully-functional three-way tipper.

Long-lasting quality thanks to high-grade components
Transport speeds from 40 to 80 km/h and a long service life can only be guaranteed using first-class components. Our experience gained over decades has taught us that we can solely meet these demands by using high-quality vehicle construction components to construct our vehicles.

With targeted use of high-strength steels, we have managed to significantly reduce the empty weight. The vehicle, however, does not lose anything in terms of its stability. Ask our specialist advisers about the possible concepts – and bid farewell to high maintenance costs!



Best quality. And that across the range.

The three-way tipping system – maximum power with highest stability.

The matched balance between the stable chassis and the optimally calculated tipping points ensure that you have the best possible tipping stability. The overload protection for the parabolic spring suspension on the rear axle offers additional safety if the load slides out poorly or on one side when tipping to the rear. The tipping system has a cardanic mounted telescopic cylinder with plenty of redundant performance. When tipping to the rear, a tipping angle of 45° can be achieved. Dampeners absorb unwanted impacts and noise from the tipping bridge during travel and protect the whole vehicle frame.

The swinging rear board wall



The hydraulic opening side board wall



The swinging side board walls



3



4



The ladder
is ergonomically designed and, thanks to its generous catwalk and accident protection bar, offers a high level of safety. The ability to easily climb up and down simplifies checks on the loading procedure and also operating the roller tarpaulin. Folding steps mean that it is possible to climb into the load space.



Underride protection and the towing hitch

Lights and number plate are protected and integrated into the underride protection. The coupling heads to connect a second trailer are ergonomically fitted to one side.



The hydraulic opening side board wall

All the functions (opening – closing – locking) are conveniently performed using a control unit in the tractor vehicle. All superstructure components have been designed so that even goods that don't slide easily can be unloaded without any problems.



The rear grain feed



Discharge chute with slide gate. The large slide gate can be easily operated. Max. 1 grain feed can be supplied in the tailgate with the "S" version.



The side panel system

with special aluminium design and stable, swappable rubber seals, guarantees a superstructure which is absolutely sealed against rape seed and easy to open board walls. This solution was designed in-house and has revolutionised side panel systems. Many different versions of the board walls are available, whether divided or not divided, with or without a centre post, with weather-proof multilayer boards (with a protective UV film on the outside), plastic boards or aluminium profiled boards.



The return spring

A strong return spring ensures that the tipping bridge can be lowered again without delay, even when the maximum sideways tipping angle has been fully exploited.

Superstructure additional equipment



The removable sidewall extension

On the agroliner, the sidewall extensions are simple to remove. The functionality of the hydraulic side board wall is also guaranteed even with the sidewall extensions fitted.

Removable **rear tipping bridge extension** over the whole vehicle width.



Individually configured.

Additional equipment chassis

The underride protection made of round pipe with raised lighting units. Gives you the benefit of less accumulation of dirt, more ground clearance and protects the lighting units.



The plastic mudguards



The Remote unlocking to safely and comfortably open the board walls.



The overhead loading screw



The Y-drawbar

for a tighter steering angle, optionally length adjustable.



5

In detail.



**Alternative
tyres**

Ground protecting
thanks to low-pressure tyres.
Select from a wide range of
diagonal or radial tyres.



**Special paint jobs and
advertising markings**
are something we would be
happy to provide.



**agroliner for
special demands.**

You want to use your vehicle for particularly special tasks, too? Tell us your requirements and our experienced designers will work out practical suggestions for you. There is a suitable solution for nearly every transport problem.

**The all-round service
which impresses.**



Our 100 % service package covers the complete service spectrum of maintenance, servicing and repair. We are available 24 hours a day as your reliable partner. Our mobile customer service

is there for you when and wherever you need our support. Being frame alignment systems, vehicle measurements or brake testing rigs: you get everything from one source with us. We are also able to assist with repairs to other manufacturer's equipment if desired. In summary, we are your partner for every event!

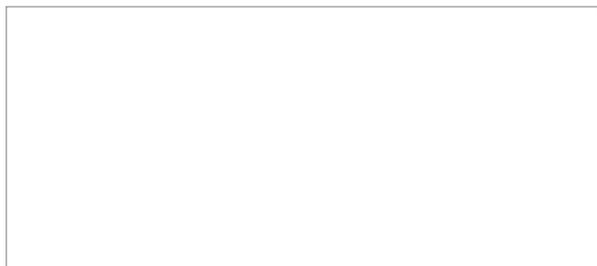
Our route to you.

Your **agroliner** will be delivered on a special vehicle – spotless and ready for use immediately. Let us convince you of our services. We would be delighted to welcome you in Rechterfeld and to provide you with information on site.



Commercial vehicles one can rely on.

Authorised specialist dealer



For technical data and the details of the standard and optional equipment, please refer to our current price list. All figures show vehicles with optional equipment. We are constantly developing and improving our products for the benefit of our customers. We therefore reserve the right to make modifications to the design during production runs without prior notice.

Version: November 2019