

HKD 302 / TKD 302

# THREE-WAY TIPPER



# TRIED AND TESTED.

## MODERN CHASSIS TECHNOLOGY MAKES IT FEEL LIKE YOU'RE DRIVING ON RAILS

### TWO-AXLE THREE-WAY TIPPER HKD 302

The 18 t drawbar-trailer has established a reputation for itself in the agricultural sector as the most cost-efficient and flexible transport combination on the market. As harvesters are becoming more and more powerful, ever larger transport capacities are needed. At the same time, both the tractor and the trailer need to be able to move at high speeds. We recognised this trend early on and were one of the first providers in the industry to specialise in high-speed agricultural equipment. When hitched up, the **agroliner** has very stable tracking characteristics that give the driver a high degree of security and trust.

### CENTRAL-AXLE THREE-WAY TIPPER TKD 302

In comparison to trailers that are steered with a slewing ring, the transfer of the support load to the towing machine here has a positive effect on the driving stability and traction. This particularly applies to combinations with bogey trailers. Good handling when manoeuvring in solo operation and outstanding stability when tipping are just a couple of the trailer's many advantages.

Another major advantage is the height-adjustable and shock-absorbing draw gear. This means that the vehicle can be perfectly connected to any towing vehicle.



**HKD 302**  
**TKD 302**

# OUTSTANDING QUALITY ACROSS THE BOARD.

- + Over 60 years of experience in vehicle construction
- + Use of high-quality branded components
- + Long service life
- + A safe investment thanks to the high value stability

## HKD 302

Two-axle three-way tipper

Permissible total weight 18 t

Empty weight approx. 3.9 - 4.6 t

Payload approx. 13.4 - 14.1 t

## TKD 302

Central-axle three-way tipper

Permissible total weight 20 - 24 t

Empty weight approx. 4.2 - 5.3 t

Payload approx. 15.2 - 19.4 t

(All data depends on the equipment used.)

TO PRODUCT VIDEO:  
Discover our three-way  
tipper for yourself!



## A SOLID BASE FOR A RANGE OF APPLICATIONS.

Transport speeds between 40 and 80 km/h and a predicted service life of over 25 years can only be guaranteed with first-class components. Our decades of experience have taught us that these requirements can only be met with high-quality vehicle construction components. By using high-strength steel in a targeted way we have even been able to significantly reduce the empty weight of vehicles while maintaining their stability. Get in touch with one of our consultants to find out more about the possible options and get ready to say goodbye to high maintenance costs!



### BOARD WALL SYSTEM

The special aluminium frame and robust, replaceable rubber seal mean that the superstructure is completely sealed against rapeseed and that the side board walls are easy to open. Our solutions have revolutionised board wall systems. The board walls are available in a variety of designs, split or continuous, with or without a centre post, with weatherproof multi-layer boards, plastic boards or aluminium profile boards.



### UNDERRIDE PROTECTION AND TRAILER COUPLING

The lights and number plate are integrated in the underframe protection. The supply lines for the connection of a second trailer are all ergonomically arranged on one side.



### LADDER

The ladder is ergonomic and very safe thanks to the large platform and safety guard. As it is comfortable to climb up and down, it makes it easier for the driver to monitor the loading and operate the roller tarpaulin. You can even climb into the cargo area thanks to the foldable steps.

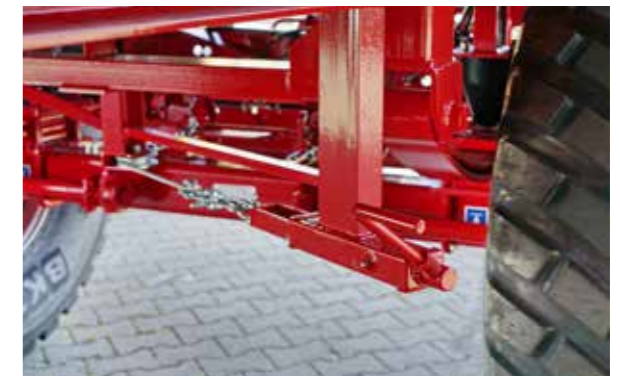


### DISCHARGE CHUTE WITH SLIDE GATE

The large slide gate is easy to operate. The trailer is optionally available with up to three slide gates in the tailgate.

### THREE-WAY TIPPER SYSTEM

The three-way tipping system offers maximum power and outstanding stability. The balanced coordination between the chassis and calculated optimal tipping points ensure a best-possible tipping stability. The overload protection for the parabolic suspension on the rear axle offers additional security if the cargo flows poorly or one-sidedly during rear tipping. The tipping mechanism has a gimbal-mounted telescopic cylinder with high power reserves. This means that a tipping angle of 45° can be achieved during rear tipping. Dampeners absorb any unwanted impacts and noises from the tipping bridge and help to protect the entire vehicle chassis. It's a tried-and-tested vehicle concept.



### PARKING BRAKE

The mechanical parking brake stops parked trailers from rolling away unintentionally.



# INDIVIDUALLY CONFIGURED.

- + All components designed for min. 80 km/h
- + Safe tracking characteristics
- + Perfectly coordinated chassis geometry
- + All functions are user-friendly and ergonomic



## OUR EXTRAS FOR THE SUPERSTRUCTURE.



### POTATO CHUTE

An effective tool that helps you to load potatoes gently. It effectively reduces the drop height and impact pressure.



### THE SMART-LOCK SYSTEM

Thanks to our patented hydraulic board wall locking, the entire board wall dumping process can be carried out from the tractor cab. Even with the purely mechanical alternative solution, the central locks on the board walls can be automatically locked and unlocked. A massive plus in terms of safety, time and comfort.



### REMOVABLE REAR DUMPER SUPER-STRUCTURE EXTENSION

The tipping bridge extension can be equipped when needed in just a few quick steps. There is also a variant with robust conveyor belt rubber.



### SIDE TIPPER BRIDGE EXTENSIONS

These extensions are adapted to the bottom release hooks and are automatically moved back into position when the lower unlocking is activated.



### REMOTE UNLOCKING

The hydraulic unlocking of the side board walls is done from the tractor cab which is outside of the hazard zone.



### AUTOMATIC TAILGATE

When the rear dumping is initiated, the tailgate is automatically opened by the mechanical forced unlocking. The raised and forward-tilting self-aligning bearings ensure that the tailgate fully rests on the corner rungs after the tipping bridge is lowered and that the locking can be done correctly.



### HYDRAULIC TAILGATE

A hydraulic tailgate opening makes the rear tipping of tractors easier.



### PORTAL FUNCTION

We were the first company in the sector to offer our customers a board wall portal function to enable the comfortable loading of pallets or other cumbersome cargo (available for both rear and side board walls). The board walls, of course, still have the same swinging function. The handling is made even safer and more user-friendly.



### SPLIT BOARD WALL

This ensures greater ground clearance during the tipping process and reduces the surge pressure during loading. This is particularly advantageous with frequent tipping into fall shelters.



### OVERHEAD LOADING SCREW

High-performing overhead loading screws can be installed without any problems.



### FOLDABLE CENTRE POST

The centre post can be unlocked by means of a single lever and easily folded down and removed.



### CARGO AREA COVER SYSTEMS

We offer a range of options for securing cargo, as is required by law when travelling on public roads, like our roller tarpaulin system or Fliptop cover.



### CONTINUOUS SWINGING BOARD WALL

Once the centre post has been removed, even poorly flowing cargo can be easily unloaded.



### OVERHEAD LOADING BOARD WALLS

To effectively reduce the height potatoes fall when being overhead loaded, we have developed a special board wall system. They are secured using two long-lever locks and can be easily and quickly folded down and locked using a hand-pump or the tractor hydraulics.

# IN DETAIL.

- + Tipping stability
- + Unbeatable driving comfort
- + Durable axles
- + Lowest platform height on the market
- + Longer wheelbase



## OUR EXTRAS FOR THE CHASSIS.



### Y-DRAWBAR

The Y-drawbar enables a wider steering angle. Also available in a length-adjustable version.



### AUTOMATIC TRAILER COUPLING

An automatic trailer coupling or towing eye can be mounted as an option.



### ROUNDED UNDERRIDE PROTECTION

It consists of a round tube and raised lighting units. It helps to ensure less dirt accumulation, a greater ground clearance and protection of the lights. The underride protection corresponds to the international EU type approval (UNECE Regulation 58-02).



### SIDE COLLISION PROTECTION

The side collision protection ensures greater safety when travelling on the road.



### PLASTIC MUDFLAPS

They reliably protect the vehicle from dirty water. A spray protection can also be optionally added inside the mudflaps.



**WE ARE HAPPY TO PROVIDE SPECIAL PAINTWORK** and lettering upon request.



### TOOLBOX

The solid plastic toolboxes offer a protected storage area for tools and other equipment.





# TOP OF ITS CLASS.

- + Additional uses thanks to the pallet width and portal function
- + Optimal adjustment to individual requirements
- + High variety of equipment
- + Superstructure permanently sealed against rapeseed



# THE GRIP YOU NEED.

## OUR TYRE OPTIONS

The right tyres for any job! We offer a wide range of tyre profiles for a variety of different areas of application. We will help you to find the perfect tyres. Many other models are also available upon request.



### ROAD TYRES

385/65R22.5

Diameter:	Width:	Load index:
1072 mm	385 mm	164K



### ROAD TYRES

425/65R22.5

Diameter:	Width:	Load index:
1124 mm	425 mm	165K



### ROAD TYRES

445/65R22.5

Diameter:	Width:	Load index:
1150 mm	425 mm	169K



### BKT FLOTATION RADIAL FL 693

560/60R22.5

Diameter:	Width:	Load index:
1244 mm	560 mm	165D



### NOKIAN COUNTRY KING

560/60R22.5

Diameter:	Width:	Load index:
1237 mm	560 mm	161D

### LOAD CAPACITY TABLE

LI	kg
152	3550
155	3875
161	4625
164	5000
165	5150
169	5800
170	6000
174	6700
177	7300
178	7500

### SPEED SYMBOL

Code letter	Speed (km/h)
A8	40
C	60
D	65
F	80
J	100
K	110

# THE PERFECT SOLUTION FOR ANY APPLICATION.

Do you have a specific or unusual application in mind for your vehicle? Tell us about your requirements and our experienced team of designers will come up with some practical solutions for you. We can find the right solution for almost any transport problem.

## THREE-WAY TIPPERS



**HKD 302**  
(18 t total weight)



**TKD 302**  
(20-24 t total weight)



**HKD 302-S**  
(18 t total weight)



**TKD 302-S**  
(20-24 t total weight)

## DUMP TRAILERS



**MUK 303**  
(20-24 t total weight)



**MUK 402**  
(31-34 t total weight)



**TMR 34**  
(34 t total weight)

## PUSH-OFF TRAILERS



**TAW 20**  
(20-24 t total weight)



**TAW 30**  
(31-34 t total weight)



**SAW 32**  
(32 t total weight)



**SAW 36**  
(36 t total weight)

## HOOK-LIFT TRAILER



**THL 20**  
(20-24 t total weight)



**THL 30**  
(31-34 t total weight)

## DOLLY TRAILERS



**EAD 14**  
(14 t total weight)



**TAD 22**  
(22 t total weight)

**HEAVY-DUTY DUMP TRAILERS**



**MUP 20HP**  
(20-24 t total weight)



**MUP 30HP**  
(31-34 t total weight)



**MUP 20SP**  
(20-24 t total weight)



**MUP 30SP**  
(31-34 t total weight)

**TRUCK SOLUTIONS**



**HKD 402**  
(24 t total weight)



**ZKA 1**  
(16 t total weight)

**PLATFORM TRAILERS**



**PWO 18**  
(18 t total weight)



**PWO 24**  
(24 t total weight)

# IMPRESSIVE ALL-ROUND SERVICE.

Thanks to our factory-based customer service, we can cover all maintenance, servicing and repair services. Our mobile customer service team is there for you wherever and whenever you need it. Whether you need a frame repair, vehicle measurement or brake test, we can do it all! We can even carry out repairs on vehicles from other manufacturers on request. We're your all-round partner!



**FIND THE CONTACT INFORMATION FOR THE RIGHT CONTACT PERSON BY SCANNING THIS QR CODE.**



# HIGH STANDARDS. ONLY NO STANDARD.

**FOLLOW US ON SOCIAL MEDIA!**



This brochure contains standard equipment and additional equipment that is subject to an extra charge. You can find a complete list of all standard and optional equipment, as well as all the necessary technical specifications, in our price lists. Our products are continuously being developed further. As such, we reserve the right to make modifications during production without giving prior notice.  
Published: November 2023

Peter Kröger GmbH  
Blöge 4 / D-49429 Rechterfeld

E [info@kroeger-nutzfahrzeuge.de](mailto:info@kroeger-nutzfahrzeuge.de)  
W [kroeger-nutzfahrzeuge.de](http://kroeger-nutzfahrzeuge.de)

T +49 4445 9636-0  
F +49 4445 9636-66

