

HKD 302-S / TKD 302-S

THREE-WAY TIPPER



MAXIMUM TRANSPORT CAPACITY.

With its continuous, hydraulically opening side board walls, this three-way tipper is a real all-rounder. Even unloading poorly flowing cargo, like silage maize or compost, is no problem for this versatile machine. For lighter bulk cargo, the loading volume can be increased to 29 m³ (meaning that when two trailers are combined this can reach a huge 58 m³). When the right low-pressure tyres are used, the combination can also be transformed into a high-performance transport machine to help with the chopping. However, this tipper always remains a fully-functional three-way tipper.

TWO-AXLE THREE-WAY TIPPER HKD 302-S

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-S

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-S
TKD 302-S

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-S

Two-axle three-way tipper

Permissible total weight 18 t

Empty weight approx. 4.4 - 5.4 t

Payload approx. 12.5 - 13.6 t

TKD 302-S

Central-axle three-way tipper

Permissible total weight 20 - 24 t

Empty weight approx. 4.7 - 5.7 t

Payload approx. 14.3 - 19.3 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.

THE THREE-WAY TIPPER - MAXIMUM POWER AND OUTSTANDING STABILITY



THE HYDRAULICALLY OPENING SIDE BOARD WALLS

All functions (Open – Close – Lock) can be easily operated from a control unit in the tractor. All superstructure components have been designed so that even poorly flowing cargo can be unloaded without any problems.



SWINGING REAR BOARD WALL



SWINGING SIDE BOARD WALL



Hydraulic bottom unlocking



RETURN SPRING

The powerful return spring ensures that the tipping bridge can be lowered instantaneously even when it is at the maximum lateral tipping angle.



THREE-WAY TIPPING 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.



BOARD WALL SYSTEM

The special aluminium frame and robust, replaceable rubber seal mean that the superstructure is completely sealed against rapeseed and that the 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 weather-proof multi-layer boards, plastic boards or aluminium profile boards.



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.



UNDERRIDE PROTECTION AND TRAILER COUPLING

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



DISCHARGE CHUTE

The large chute is easy to operate. In the "S" variant, a maximum of 2 discharge chutes in the tailgate are available.

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.



REMOVABLE BOARD WALL EXTENSION

With the **agroliner**, the board wall extensions are easy to remove. The function of the hydraulic side board wall is also guaranteed when the board wall extensions are mounted.



CARGO AREA COVER SYSTEM

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.



REMOTE UNLOCKING

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



Removable **rear tipping bridge extension** across the entire width of the vehicle.



OVERHEAD LOADING SCREW

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



MOBILE ALUMINIUM STEPLADDER

It can be used anywhere around the vehicle.

IN DETAIL.

- + No protruding obstacles in the cargo area
- + Unloading process via hydraulic side board wall controlled from the tractor
- + Quick opening function for poorly flowing cargo
- + Transport of silage, compost, etc. possible



OUR EXTRAS FOR THE CHASSIS.



Y-DRAWBAR

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



PLASTIC MUDFLAPS



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 for the lights. The underide protection corresponds to the international EU type approval (UNECE Regulation 58-02).



TOOLBOX

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

WE ARE HAPPY TO PROVIDE SPECIAL PAINTWORK

and lettering upon request.



OUR MULTI-TALENTED TIPPER.

- + Pallet width in the entire cargo area
- + Can be used off-road thanks to the flexible construction
- + Superstructure permanently sealed against rapeseed
- + Optimal tracking characteristics even in combination



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.

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



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

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)



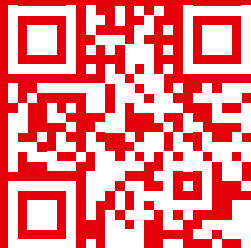
PWO 24
(24 t total weight)

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!



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HIGH STANDARDS. ONLY NO STANDARD.

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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.

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