

ZKA 1 / HKD 402

TRUCK SOLUTIONS



INDEPENDENT, FAST AND VERSATILE.

TAX-FREE AND COST-EFFECTIVE TO RUN, EVERYTHING WITH THIS TRAILER IS IN THE GREEN ZONE.

Literally, by adhering to all applicable legal specifications, truck tractors and trailers for the agricultural sector can be used tax-free when they have a green numberplate (applicable in Germany). Even when it comes to congestion charges, there are some exceptions for agricultural machinery. When you combine this with the more favourable insurance tariffs for agricultural tractor units, there are significant cost advantages with this trailer. Free yourself from Sunday driving bans, stop relying on the availability of transporters and start the next season with a powerful and responsive approach with your own truck trailer.

SUPERSTRUCTURE FOR TRACTOR UNITS ZKA 1

Compared with a tractor-trailer combination, the truck trailer is characterised by high transport speeds, greater driving comfort and safer operation (e.g. ABS). Long trips and journeys on motorways are also cheaper due to the lower fuel costs. The three-way tipping offers a high degree of flexibility when dealing with different unloading conditions.

THREE-AXLE THREE-WAY TIPPER HKD 402

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.

**ZKA 1
HKD 402**



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

ZKA 1

Tractor unit superstructure

Permissible total weight from 16 to 18 t

Empty weight depends on equipment

Payload approx. 40 % of the total weight

HKD 402

Three-axle three-way tipper

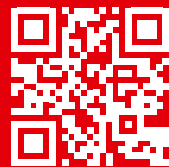
Permissible total weight 24 t

Empty weight approx. 6.4 t

Payload approx. 17.6 t

(All data depends on the equipment used.)

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



TRUCK SUPERSTRUCTURE IN DETAIL.



AUXILIARY FRAME

With vehicles that have one or more driven axles, the superstructures should only ever be mounted on an additional auxiliary frame. This is connected to the chassis frame by means of screw connections. The auxiliary frame is equipped with a console for the tipping cylinder and tipping bearing traverse.



HYDRAULIC SYSTEM

If the towing machine intended for the superstructure doesn't have a hydraulic system, we can prepare an auxiliary drive and a hydraulic system for the set up. It can be controlled either via a control valve or a radio remote control. We would be happy to advise you on which system is best for your personal situation.



SWAP SYSTEM

A quick-release system for the hydraulic cylinder is available as an option. This means that the superstructure can be quickly removed when necessary.



TOWING HITCH TRAVERSE

If the towing machine doesn't have a towing hitch, we can add one with a traverse. The installation requirements vary wildly between manufacturers and so the costs involved also vary significantly. The supply lines to the trailer are arranged ergonomically on the left in the direction of travel.



REMOTE UNLOCKING

With tractor units, the remote unlocking is usually done via an electro-pneumatic control system but a hydraulic control system is also available as an option.



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. With longer superstructure variants, the ladder and platform can also be installed at the rear.



PORTAL FUNCTION

Thanks to our portal system, the quick and practical loading of pallets or bulky cargo is possible. The board walls, of course, still have the same swinging function.



HYDRAULIC SIDEWALL

The hydraulic sidewall facilitates the tipping of poorly flowing cargo and also enables pallet loading.

TIPPER IN DETAIL



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.



DISCHARGE SLIDE GATE WITH CHUTE

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



SPLIT REAR WALL

This ensures greater ground clearance during the tipping process and reduces the load's surge pressure.



HYDRAULIC TAILGATE

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



AUTOMATIC TAILGATE

When the rear tipping 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.



FOLDABLE CENTRE POST

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



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.



POTATO CHUTE

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

INDIVIDUALLY CONFIGURED.

- + Tax-free for agricultural use
- + Low diesel consumption and tyre wear
- + High transport speeds
- + Optionally available with a swap superstructure





OUR EXTRAS FOR THE CHASSIS.



SUSPENSION SYSTEMS

In addition to our standard parabolic suspension, we also offer pneumatic suspension in a range of different designs as an option.



PNEUMATIC SUSPENSION

With the pneumatic suspension, it is possible to integrate a quick lowering. As soon as the trailer is tipped, the pneumatic suspension lowers and the chassis remains stable.



Y-DRAWBAR

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



FOLDABLE UNDERRIDE PROTECTION



LOW-PRESSURE TYRES

The low-pressure tyres are gentle on the soil. Choose from a wide range of bias or radial tyres.



PLASTIC MUDFLAPS



TOOLBOX

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

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 TIPPER



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 TRAILERS



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)



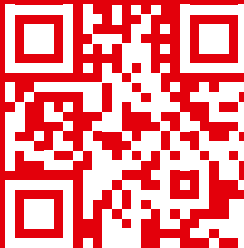
PWO 24
(24 t total weight)

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!



You can find all technical specifications and all standard and optional (available for an extra cost) equipment in our current price lists. All images show vehicles with special equipment. Our products are continuously developed further in the best interests of our customers. As such, we reserve the right to make modifications during production without giving prior notice.
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