

MUK 303 / MUK 402

DUMP TRAILERS



VERSATILE, ROBUST AND DURABLE.

Do you have to manoeuvre a lot, mainly tip from the back, transport poorly flowing cargo like silage maize and travel on wet ground? Then a dump trailer is the perfect choice for you. Tell us about your operational requirements and we will create a dump trailer precisely tailored to your needs. With trough volumes ranging from 15 to 50 m³, made from one piece or with extensions, tandem or tridem, rear or multi-way tipping – we have the right solution for any application.

TANDEM DUMP TRAILER MUK 303

An indestructible workhorse that you can configure to meet your operational needs. Comes in a short and more compact design that is suitable for trips in combination with a second trailer or in a longer design for solo use as a large volume vehicle. Our conical trough shape with angled side walls allows for a flexible design of the trough dimensions in terms of both the height and the length. Thanks to this angled design, the empty weight can be significantly reduced when compared to conventional ribbed trough designs.

TRIDEM DUMP TRAILER MUK 402

Our tridem series has a load volume of up to 50 m³ with a maximum permissible total weight of 34 tonnes. In addition to the parabolic suspension, which comes as standard, you can also choose between hydraulic or pneumatic suspension. In the basic version, the first two axles are fixed and the third axle is self-steering. We recommend installing a forced steering system for the first and third axles.



MUK 303
MUK 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

MUK 303

Central axle dump trailer

Permissible total weight 20 - 24 t

Empty weight approx. 5.1 - 8.5 t

Payload approx. 13.2 - 17.8 t

MUK 402

Tridem dump trailer

Permissible total weight 31 - 34 t

Empty weight approx. 8.1 - 11.8 t

Payload approx. 20.9 - 24.8 t

(All data depends on the equipment used.)

TO PRODUCT VIDEO:
Discover our dump trailers
for yourself!



A SOLID BASE FOR A RANGE OF APPLICATIONS.



HYDRAULIC TAILGATE

The hydraulic tailgate is optimally integrated in the sidewall therefore ensuring a large usable width in the cargo area. The hydraulic components are installed beneath the lift arms and so are protected. The hydraulic bottom unlocking opens automatically before the tailgate is lifted and locks again once the tailgate has been lowered. The rear wall is pulled toward the trough and optimal sealing tightness is achieved.



An intelligent sequential control ensures that the board wall is only locked when it's securely laying on the trough. A display on the front wall provides the farmer with reliable information about the locking status. Our special feature: the tailgate can be opened when the roller tarpaulin is closed.



TROUGH

All our troughs have a conical shape that encourages cargo to slide during rear tipping. The angled board walls have been designed to hold maximum load volumes and to ensure weight optimisation and the best possible self-cleaning. Depending on the intended use, a range of floor plates and sidewalls in different material thicknesses and wear-resistant steels (e.g. Hardox or stainless steel) are available.



DISCHARGE SLIDE GATE

The tailgate can be equipped with up to three large discharge slide gates with chutes.



TIPPING MECHANISM

The tipping mechanism has a gimbal-mounted telescopic cylinder with high power reserves. During rear tipping, a tipping angle of over 50° can be reached. Dampeners made from solid rubber absorb impacts during travelling, muffle sounds from the tipping bridge and protect the entire vehicle frame.



FOLDABLE UNDERRIDE PROTECTION

The robust, foldable underride protection and raised lighting are practically positioned and correspond with the requirements of the German Road Traffic Licensing Regulations (StVzO). The underride protection corresponds to the international EU type approval (UNECE Regulation 58-02).



TIPPING BEARING

An effective reinforcing of the frame overhang and the addition of a backlash-free tipping bearing ensure a high level of safety during the rear tipping.



HOSE CABINET

It offers plenty of space for and easy access to all supply lines.

INDIVIDUALLY CONFIGURED.

- + Can be adjusted to your individual requirements
- + Trough with 56 different configuration options
- + Robust rubber seals for complete sealing against rapeseed
- + Different cargo area cover systems
- + Flexible board wall extensions



OUR EXTRAS FOR THE SUPERSTRUCTURE.



FOLDABLE BOARD WALL EXTENSION

The board wall extensions are foldable. This means that in most cases you don't have to worry about spending a lot of time taking them down. You can also fold down just one side to reduce the overhead loading height, for example. The function of the hydraulic tailgate is also guaranteed when the board wall extensions are folded down.



TROUGH MADE FROM ONE PIECE OF METAL

We also offer troughs with heights of up to 2.6 metres without board wall extensions. This means that you get all the advantages of the trough with its solid basic construction. As the board wall extensions are a little lighter, they're not as stable and can result in the trough becoming less tightly sealed in the long term. It is therefore important to think about whether the extensions would actually be removed for the transportation of heavy bulk cargo, for example, as only then would it be worth having them. A trough made from one piece of metal is always more solid and durable.



POTATO CHUTE

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



SIDE TIPPING BRIDGE EXTENSIONS

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



MULCHING FLAP

The mulching flap can be operated via a double-acting hydraulic cylinder if necessary.



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 via the tractor hydraulics, if you opt for a hydraulic variant.



CARGO AREA COVER

Cover your cargo area quickly and safely with our cover system. We offer a tarpaulin cover or a hydraulic cover system with nets. We also offer a Flip-top system as an alternative.



LADDER AND PLATFORM

A large platform is provided for the safe operation of the tarpaulin cover and to enable you to climb into the cargo area which can be accessed via a removable stepladder.



TWO-WAY TIPPING MECHANISM

Thanks to the two-way tipping mechanism, you can also unload the cargo from the side of the trailer.



OVERHEAD LOADING SCREW

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

IN DETAIL.

- + Tipping stability
- + Perfectly coordinated chassis components
- + Axles with high power reserves
- + Can be adapted to all applications
- + Stable, torsion-resistant rectangular tube chassis



OUR EXTRAS FOR THE CHASSIS.



DRAW GEAR

As an alternative to fixed tow bars, we offer a height-adjustable, rubber-mounted draw gear that can support between two and four tonnes. It effectively absorbs impacts when travelling. Upon request, the set coupling height can be adjusted to a different height later in the factory. A hydraulic landing gear is also available as an alternative to standard, mechanical parking support jacks. In addition to the standard DIN drawbar eye, ball couplings are also available. The hydraulic drawbar adjustment allows you to smoothly adjust to different coupling heights. Any impacts during travelling are effectively dampened thanks to the integrated nitrogen accumulator.



HYDRAULIC SUSPENSION

It meets all driving safety-relevant criteria in terms of roll stability, dynamic braking load balancing and static load balancing. The pressure displayed gives an indication of the load status (65 bar ~ 10 tonne axle load). You can also indicate the desired additional load via an adjustable pressure sensor. When the shut-off valves are open, the driving level can be set from the tractor via a double-acting control unit. When driving, these valves must be kept closed. The suspension on the left and right sides can be separated, thus increasing the roll stability. A lift axle can be integrated into the system to protect the tyres when the trailer is empty and as a start-up or traction aid.



HYDRAULIC REAR AXLE SUPPORT

Hydraulic rear axle support to increase stability.



STEERING AXLE

Self-steering or forced steering systems increase manoeuvrability, help to protect the soil and reduce tyre wear.



FORCED STEERING

While the self-steering axle only turns through tracking on bends and has to be locked when the trailer is reversing, the hydraulic forced steering is always actively controlled and also steers precisely when the trailer is reversing. This means that the wear on the axles and tyres is significantly lower when compared to the self-steering axle. We offer:



HYDRO-MECHANICAL FORCED STEERING

For a problem-free coupling to the tractor, even at different setting angles, a telescopic steering bar is available as an option.



ELECTRO-HYDRAULIC FORCED STEERING

ON-BOARD HYDRAULICS

On-board hydraulics are recommended for tridem dump trailers that are over 8.0 metres long as the towing vehicles often don't have the required oil quantities.



Remote control

TWO VARIANTS

We offer on-board hydraulics in two different variants. The hydraulic pump can be driven by the PTO shaft or an oil engine.



Hydraulic pump driven by an oil engine.



Hydraulic tank (own oil supply)



Hydraulic pump driven by the PTO shaft.



CENTRAL LUBRICATING SYSTEM

Good lubrication is essential for a smooth drive. With a central lubricating system, you can be sure that all relevant components are lubricated automatically.



LED LIGHTS

The lights can also be in LED for general safety when travelling on roads. The optional LED reversing light provides enough light for you to see your work, even when working at dusk or at night.



AUTOMATIC TRAILER COUPLING

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



UNDERRIDE PROTECTION

In addition to the mechanical, foldable under-ride protection, we also offer a hydraulically controlled version. The under-ride protection corresponds to the international EU type approval (UNECE Regulation 58-02).



DIGITAL WEIGHING SYSTEM

Trust is good, control is better. With a weighing system, you can always reliably monitor the weight of the cargo in the trailer.

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.



NOKIAN COUNTRY KING

560/60R22.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1237 mm	560 mm	161D



NOKIAN COUNTRY KING

620/60R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1403 mm	620 mm	169D



ALLIANCE 380 HD

650/65R30.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1625 mm	650 mm	176D



NOKIAN COUNTRY KING

710/50R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1405 mm	710 mm	170D

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



BKT FLOTATION RADIAL FL 630

650/55R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1519 mm	650 mm	174D



BKT FLOTATION RADIAL FL 693

650/55R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1389 mm	650 mm	169D



BKT FLOTATION RADIAL FL 630 ULTRA

710/50R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1383 mm	710 mm	170D



BKT FLOTATION RADIAL FL 693

710/50R26.5

<u>Diameter:</u>	<u>Width:</u>	<u>Load index:</u>
1383 mm	710 mm	170D

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)



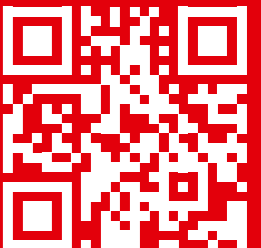
PWO 24
(24 t total weight)

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.

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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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