

**EAD 14 / TAD 22**

# **DOLLY TRAILERS**



## QUICK AND SIMPLE.

Towing a semi-trailer with your tractor? No problem with our dolly trailers. Our dolly trailers take some of the load off tractors while they are working. They take some of the vertical load of the trailer and keep the large vehicles on track even when travelling at high speeds. Up to 4 t of drawbar load is transferred to the tractor at the same time so that the tractor also has enough traction when being used off road. As the dolly trailer holds the semi-trailer steady when travelling, the tractor doesn't need to have a high empty weight which means that it can be used to transport higher payloads.

### **SINGLE-AXLE DOLLY TRAILER EAD 14**

The single-axle dolly trailer is primarily designed for use with three-axle semi-trailers and can replace a two-axle semi-trailer machine.

### **DOUBLE-AXLE DOLLY TRAILER TAD 22**

The double-axle dolly trailer is primarily designed for use with two-axle semi-trailers and can replace a three-axle semi-trailer machine.



**EAD 14**  
**TAD 22**

# 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

## EAD 14

Single-axle dolly trailer  
Permissible total weight 14 t  
Empty weight approx. 1.7 - 2.1 t  
Drawbar load 4,000 kg (up to 40 km/h)

## TAD 22

Double-axle dolly trailer  
Permissible total weight 22 t  
Empty weight approx. 2.5 - 2.9 t  
Drawbar load 4,000 kg (up to 40 km/h)

(All data depends on the equipment used.)

TO PRODUCT VIDEO:  
Discover our dolly trailers  
for yourself!



## A SOLID BASE FOR A RANGE OF APPLICATIONS.



### COUPLING PLATE

The original "JOST" coupling plate has been designed for a coupling pressure of up to 12 t and is easy to use thanks to the existing hole pattern.



### PARALLEL SHANK DRAWBAR HEAD

Our dolly trailer has a continuous main frame with integrated draw gear. Instead of a flange drawbar head, we use a high-quality K80 parallel shank drawbar head. It has rollover protection and is significantly slimmer, thereby reducing the risk of colliding with the K50 coupling on the tractor unit.



### HOSE CABINET

The foldable hose cabinet makes it easy to connect and disconnect all supply lines. It can be adjusted to fit a wide range of trailer dimensions.



### SCISSOR LANDING GEAR

The standard scissor landing gear means that you can park the trailer even when it's loaded. The jack also absorbs the shear forces that occur when the pneumatic suspension lowers due to a loss of air after being at a standstill for a long time.



### WHEEL GUARDS

The trailer is equipped with wheel guards as standard to protect the tractor tyres from getting damaged.



### AXLES AND PNEUMATIC SUSPENSION

A GIGANT pneumatic suspension unit with 10 t axles is installed as standard. Technically approved for speeds of up to 105 km/h.



### FRAME

The continuous main frame is perfectly tailored to the layout of the towing head, axle unit, coupling plate and hydraulics and therefore offers optimal protection for the units as well as plenty of freedom when manoeuvring the tractor and trailer.



### SPRING-TYPE CYLINDER BRAKES

We use truck technology with our dolly trailers. The spring-type cylinder brakes, which are included as standard, increase operational safety and can be used to easily secure the vehicle when stopped.

# IN DETAIL.

- + Compatible with a wide range of different trailers
- + Can be parked when carrying a load
- + Excellent tracking characteristics
- + Slim frame structure



## OUR EXTRAS FOR THE CHASSIS.



### ON-BOARD HYDRAULICS

Thanks to a separate oil supply with PTO shaft drive, in tractor operation approx. 140 litres from the hydraulic tank can be used. This means that dumper semi-trailers, for example, which have high required oil volumes, can be operated without any problems.



### ON-BOARD HYDRAULICS

With an operating pressure of 200 bars and a conveying volume of 130 litres per minute, all tasks can be completed with full power and a high working speeds.



### ROTARY SWITCH

By switching from tipping to continuous operation, pumps or pushing floors can be conveniently operated.



### RADIO REMOTE CONTROL

The on-board hydraulics can be conveniently controlled via a radio remote control. This can also be used to easily turn the optional working lights on and off. Even the, also optional, axle lift control for the semi-trailer can be controlled with the radio remote control.



### SWIVEL ARMS FOR HYDRAULIC LINES

With trailers with large overhangs at the front, swivel arms for the on-board hydraulics can make connecting the hydraulic lines easier and ensure that the lines are securely guided when going around bends and manoeuvring.



Alternatively, hydraulic connections can be arranged in parallel to the swivel arms.



### ALUMINIUM SHEET PLATE

It protects the electronic, hydraulic and air lines that it covers from dirt and damage. The hydraulic tank for the oil supply is also in a protected area but it can be accessed at all times via a maintenance hatch that is easy to unscrew and remove.



### LIFTING AND LOWERING FUNCTION

With the manual lifting and lowering function on the chassis, the dolly trailer can be easily moved to the necessary height so that a semi-trailer can be attached.



### 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.



### VOLTAGE CONVERTER

So that semi-trailers can be towed by tractors without any issues, a voltage converter is necessary, not only for the light system but also for the ABS and EBS systems. It converts 12 Volts to 24 Volts.



**SEMI-CIRCULAR PLASTIC MUDFLAP**

Provided that there is enough space between the dolly trailer and semi-trailer, semi-circular plastic mudflaps can also be installed. This option is often used with tank trailers.



# 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.



### ATHOS HG 2144

385/65R22.5

|                  |               |                    |
|------------------|---------------|--------------------|
| <u>Diameter:</u> | <u>Width:</u> | <u>Load index:</u> |
| 1910 mm          | 385 mm        | 164J               |



### ROAD TYRES

425/65R22.5

|                  |               |                    |
|------------------|---------------|--------------------|
| <u>Diameter:</u> | <u>Width:</u> | <u>Load index:</u> |
| 1124 mm          | 425 mm        | 165K               |



### ROAD TYRES

445/65R22.5

|                  |               |                    |
|------------------|---------------|--------------------|
| <u>Diameter:</u> | <u>Width:</u> | <u>Load index:</u> |
| 1150 mm          | 425 mm        | 169K               |



### BKT FLOTATION RADIAL FL 693

650/55R26.5

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



### 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               |

## 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 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)



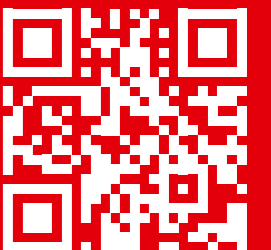
**PWO 24**  
(24 t total weight)

# 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!



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# HIGH STANDARDS. ONLY NO STANDARD.

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