



**STZ-VP (245)  
STZ-VP (285)**

LOWLOADER TRAILER



# HEROES ON AND OFF THE STREET

Our STZ-VP lowloader trailers are real heroes when robustness, enormous steering angle and high axle compensation are required. Demanding transport routes with changing terrain and narrowest passages are no longer a challenge with the STZ-VP.



STZ-VP (245)

## THE SPECIALIST FOR EVERY REQUIREMENT

04

Particularly voluminous and heavy loads require often special solutions in order to be transported in the first place. Our robust STZ-VP (245) pendular axle lowloader trailers are reliable on the spot and, due to their versatile combination options and extensive accessories, are an economical, maneuverable and powerful solution even for the heaviest loads.



STZ-VP (285)

## SIMPLE. EXTREME. FLEXIBLE.

06

STZ-VP (285) lowloader trailers can master any payload: Even when confronted with the toughest terrain, they are still able to transport extreme loads safely and reliably to their destination. The STZ-VP (285) can be utilized to transport any load, no matter how large or heavy, due to a large number of possible combinations.





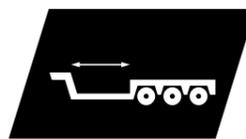
- YOUR BENEFITS**
- ✓ Rigid and robust lowloader
  - » Reliability and durability
  - ✓ Short chassis
  - » Maximum loading area length
  - ✓ Maximum axle stroke of 600 mm
  - » For optimum off-road mobility even with long vehicles



- TECHNICAL FEATURES**
- + Axle load  
*(depending on country-related regulations)*  
*(technical)* 12 t at 80 km/h  
12 t at 80 km/h
  - + Axle stroke 600 mm
  - + Tires 245/70 R 17,5
  - + Vehicle width 2,550 mm/2,750 mm
  - + Axle spacing 1,360 mm/1,510 mm
  - + Maximum steering angle 60°

# STZ-VP (245)

## THE SPECIALIST FOR EVERY REQUIREMENT



MAXIMUM LOADING PLATFORM LENGTH



HIGH FLEXIBILITY IN USE



HIGH AXLE COMPENSATION



| Gooseneck                                                                                                                                                                                          | Front bogie                                                                           | Bridge design                                                                                                                                                                            | Rear bogie                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                                               |  |                                                                                                     |                                     |
| <ul style="list-style-type: none"> <li>+ Fifth wheel load 20-40 t</li> <li>+ Swing clearance radius 2,100-2,800 mm</li> <li>+ Hydraulic</li> <li>+ Center beam</li> <li>+ External beam</li> </ul> | <ul style="list-style-type: none"> <li>+ Number of axles 1-3</li> </ul>               | <ul style="list-style-type: none"> <li>+ Bridge design Flat bed, excavator bed, vessel deck</li> <li>+ Construction height 200-450 mm</li> <li>+ Extraction stages Fixed or 1</li> </ul> | <ul style="list-style-type: none"> <li>+ Width excavator trough* 680 mm/880 mm</li> <li>+ Number of axles 2-5</li> </ul> |

\*Depending on vehicle width



### UNIVERSAL APPLICATION POSSIBILITIES

The STZ-VP (245) can be individually adapted to the requirements for almost any type of load, as shown here on an example for an LTR 1100 with a weight of more than 56 t. Various bridge variants and numerous load securing options ensure that you are always ideally equipped.



- YOUR BENEFITS**
- ✓ Extreme load capacity with reduced dead weight
  - » Maximum payload
  - ✓ Quick coupling and uncoupling of the front bogie
  - » Shorter set-up time
  - ✓ Lower and continuously wide excavator trough
  - » Lowest loading heights to fulfill the most stringent height guidelines

- TECHNICAL FEATURES**
- + Axle load (depending on country-related regulations) (technical) 12 t at 80 km/h  
16 t at 25 km/h
  - + Axle stroke 600 mm
  - + Tires 285/70 R 17,5
  - + Axle spacing 1,510 mm
  - + Maximum steering angle 60°

# STZ-VP (285) FOR EXTREME APPLICATIONS

**HIGH MILEAGE**

**MAXIMUM AXLE LOADS**

**FLEXIBLE VEHICLE CONFIGURATION**

| Gooseneck                                                                                                                                                                                           | Front bogie                                                                                       | Bridge design                                                                                                                                                              | Rear bogie                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                     |                                                                                                   |                                                                                                                                                                            |                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>+ Fifth wheel load 35/52 t or 45 t</li> <li>+ Swing clearance radius 2,500-2,800 mm or 2,900-3,400 mm</li> <li>+ Hydraulic</li> <li>+ Center beam</li> </ul> | <ul style="list-style-type: none"> <li>+ Width 2,750 mm</li> <li>+ Number of axles 2-4</li> </ul> | <ul style="list-style-type: none"> <li>+ Bridge design Flat bed, excavator bed</li> <li>+ Construction height 200-500 mm</li> <li>+ Extension stages Fixed or 1</li> </ul> | <ul style="list-style-type: none"> <li>+ Width 2,850 mm/3,000 mm</li> <li>+ Width excavator trough* 910 mm/1,060 mm</li> <li>+ Number of axles 3-6</li> </ul> |

\*Depending on vehicle width





**SAFE TRANSPORT**

The STZ-VP (285) can transport loads efficiently even under the toughest operating conditions due to a wide range of lashing options, an extremely deep excavator trough and the highest possible payloads and axle loads of the lowloader.



**HIGHEST FLEXIBILITY IN USE**

Due to the interchangeable bridge variants and the optional use of the front bogie, the STZ-VP (285) lowloader trailer can be flexibly adapted to the requirements for any cargo.





# STZ-VP (245) | STZ-VP (285) ACCESSORIES AND OPTIONS



## GENERAL ACCESSORIES

- + Knorr "TIM"
- + "easyCONTROL" remote steering
- + »SmartControl«
- + Wide load marker boards
- + Working lights
- + Lift axle front bogie

## GOOSENECK

- + Spare wheel carrier
- + High front wall, can be combined with tarpaulin superstructures
- + Sidewalls
- + Premium tool box
- + Cable winch
- + Stowage aids for accessories
- + Electrohydraulic or dieselhydraulic power pack

## LOADING PLATFORM

- + Loading ramp
- + Inlay mattresses
- + Outriggers



## STZ-VP (245) | STZ-VP (285)

### TECHNICAL DATA



#### TECHNICAL DATA

|                                                                                      | STZ-VP (245)                                                         |     | STZ-VP (285)                       |                      |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----|------------------------------------|----------------------|
| Axle load<br><i>(depending on country-related regulations)</i><br><i>(technical)</i> | 12 t at 80 km/h<br>12 t at 80 km/h                                   |     | 12 t at 80 km/h<br>16 t at 25 km/h |                      |
| Fifth wheel load                                                                     | 20-40 t                                                              |     | 35/52 t or 45 t                    |                      |
| Axle stroke                                                                          | 600 mm                                                               |     | 600 mm                             |                      |
| Tires                                                                                | 245/70 R 17,5                                                        |     | 285/70 R 17,5                      |                      |
| Vehicle width                                                                        | 2,550 mm/2,750 mm                                                    |     | Front chassis                      | 2,750 mm             |
|                                                                                      |                                                                      |     | Rear chassis                       | 2,850 mm<br>3,000 mm |
| Axle spacing                                                                         | 1,360 mm/1,510 mm                                                    |     | 1,510 mm                           |                      |
| Maximum steering angle                                                               | 60°                                                                  |     | 60°                                |                      |
| Width excavator trough*                                                              | 680 mm/880 mm                                                        |     | 910 mm/1,060 mm                    |                      |
| Number of axles                                                                      | Front chassis                                                        | 1-3 | Front chassis                      | 2-4                  |
|                                                                                      | Rear chassis                                                         | 2-5 | Rear chassis                       | 3-6                  |
| Surface refinement                                                                   | Durability ensured with high-quality finish with zinc-dust base coat |     |                                    |                      |

\*Depending on vehicle width



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**MADE FOR YOUR MISSION**