

Goldhofer



»MPA« V
STZ-VL | STZ-VH
STZ-VP (245 / 285)



LOWLOADER TRAILER

ROBUST AND FLEXIBLE ON AND OFF THE ROAD

Flexibility is the basic requirement when using lowload trailers in order to be able to transport a wide variety of loads with a single vehicle. We take this requirement into account with our forced-steered lowload trailers, which can be ideally adapted to the respective requirements with

different bridge designs and axle systems. This allows you to reduce your acquisition costs in the long term and at the same time keep the size of your fleet as small as possible.

STZ-VL | STZ-VH SIMPLY RELIABLE

Time is of the essence in tough day-to-day transportation. That's why our STZ-VL and STZ-VH low-loaders are quick and easy to load from the front. As the weight and volume of the load increase, it is also crucial that the vehicles themselves are as light as possible and can transport high payloads at the same time. This is where the STZ-VL and STZ-VH are true masters and take the hard work off your hands.



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»MPA« V LIGHTWEIGHT FOR HEAVY LOADS

The »MPA« V is an agile endurance runner for daily use: The design of the »MPA« axle guarantees maximum maneuverability and great axle compensation. The particularly low wear reduces maintenance costs to a minimum and thus enables maximum availability. Even extremely heavy loads with a high center of gravity are no challenge for the »MPA«.



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STZ-VP (245) THE SPECIALIST FOR EVERY REQUIREMENT

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.



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STZ-VP (285) SIMPLE. EXTREME. FLEXIBLE.

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.



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STZ-VL | STZ-VH

SIMPLY RELIABLE

YOUR BENEFITS

- ✓ Coupling point between bridge and chassis
- » Flexible vehicle configuration for a wide variety of applications and maximum pull-out
- ✓ Equipped with various flatbed versions
- » Customer-specific payload to dead weight ratio
- ✓ Optional equipment with »SmartControl«
- » User-friendly operation of the vehicle

TECHNICAL FEATURES

- + Axle load
(depending on country-related regulations)
(technical) 10-12 t at 80 km/h
12 t at 80 km/h
- + Axle stroke
STZ-VL 270 mm
STZ-VH 260 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 45°



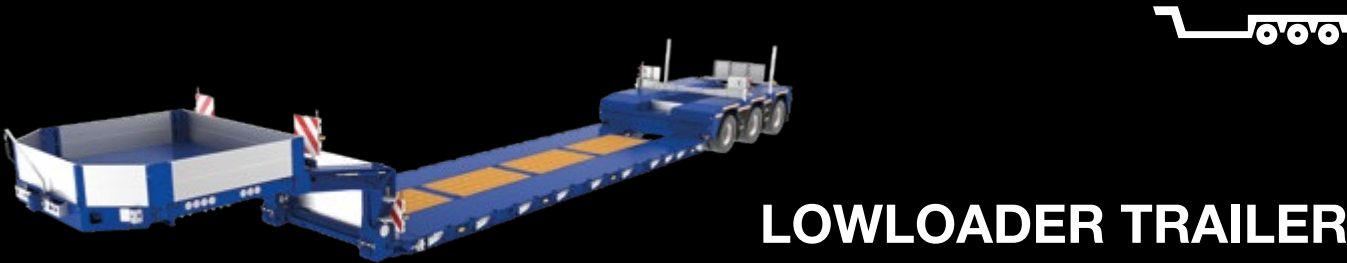
LOW DEAD WEIGHT



COUPLING POINT BETWEEN BRIDGE AND CHASSIS



SIMPLE OPERATION WITH »SMARTCONTROL«



LOWLOADER TRAILER



GOOSENECK



- + Fifth wheel load 20-35 t
- + Swing clearance radius 2,100-2,800 mm
- + Hydraulic
- + Center beam, Outside position beams

BRIDGE DESIGN



- + Bridge design: Flat bed with removable inlay mattresses
- + Construction height 220-350 mm
- + Extension stages Fixed or 1

REAR BOGIE



- + Width excavator trough* 760 mm/960 mm
- + Number of axles 2-4

*Depending on vehicle width



»MPA« V

THE LIGHTWEIGHT FOR HEAVY LOADS

YOUR BENEFITS

- ✓ Low height difference between bridge and chassis
- » Able to receive loads with reduced angle of slope
- ✓ Lowest construction heights of the bridges
- » Concentrated loading with maximum stability at the same time
- ✓ High axle stroke, large steering angle
- » For sensational maneuverability

TECHNICAL FEATURES

- + Axle load
(depending on country-related regulations) 12 t at 80 km/h
(technical) 12 t at 80 km/h
- + Axle stroke 350 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°



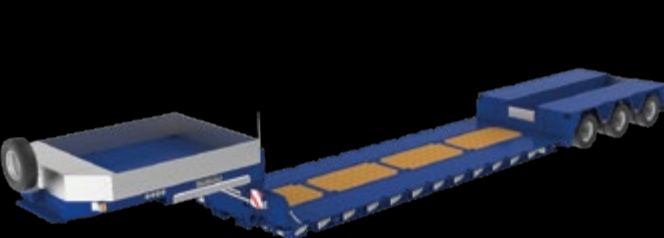
»MPA«
TECHNOLOGY FOR
12 T AXLE LOAD



MAXIMUM
STEERING ANGLE
OF 60°



SIMPLE
OPERATION WITH
»SMARTCONTROL«



LOWLOADER TRAILER



GOOSENECK



- + Fifth wheel load 20-35 t
- + Swing clearance radius 2,100-2,800 mm
- + Hydraulic
- + Center beam, Outside position beams

BRIDGE DESIGN



- + Bridge design: Flat bed with removable inlay mattresses
- + Construction height 220-300 mm
- + Extension stages Fixed or 1

REAR BOGIE



- + Width excavator trough* 604 mm/804 mm
- + Number of axles 2-4

*Depending on vehicle width

STZ-VP (245)

THE SPECIALIST FOR EVERY REQUIREMENT

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) 12 t at 80 km/h
(technical) 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°



MAXIMUM LOADING
PLATFORM LENGTH



HIGH FLEXIBILITY
IN USE



HIGH AXLE
COMPENSATION



LOWLOADER TRAILER



GOOSENECK	FRONT BOGIE	BRIDGE DESIGN	REAR BOGIE
+ Fifth wheel load 20-40 t + Swing clearance radius 2,100-2,800 mm + Hydraulic + Center beam + External beam	+ Number of axles 1-3	+ Bridge design Flat bed, excavator bed, vessel deck + Construction height 200-450 mm + Extraction stages Fixed or 1	+ Width excavator trough* 680 mm/880 mm + Number of axles 2-5

*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.

STZ-VP (285) FOR EXTREME APPLICATIONS

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) 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°



HIGH MILEAGE



MAXIMUM AXLE
LOADS



FLEXIBLE VEHICLE
CONFIGURATION



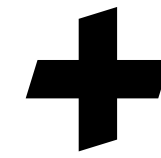
LOWLOADER TRAILER



GOOSENECK	FRONT BOGIE	BRIDGE DESIGN	REAR BOGIE
+ Fifth wheel load 35/52 t or 45 t + Swing clearance radius 2,500-2,800 mm or 2,900-3,400 mm + Hydraulic + Center beam	+ Width 2,750 mm + Number of axles 2-4	+ Bridge design Flat bed, excavator bed + Construction height 200-500 mm + Extension stages Fixed or 1	+ Width 2,850 mm/3,000 mm + Width excavator trough* 910 mm/1,060 mm + Number of axles 3-6

*Depending on vehicle width





STZ-VL | STZ-VH | »MPA« V | STZ-VP (245 / 285)

ACCESSORIES AND OPTIONS

GENERAL ACCESSORIES

- + Knorr "TIM"/ Wabco »Smartboard«
- + »easyCONTROL« remote steering
- + »SmartControl«
- + Wide load marker boards
- + Working lights
- + Lift axle

GOOSENECK

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

LOADING PLATFORM

- + Inlay mattresses
- + Outriggers
- + Threaded bushes
- + Loading ramp
- + Screwable twist locks



STZ-VL / STZ-VH

»MPA« V

TECHNICAL DATA

	STZ-VL	STZ-VH	»MPA« V
Axle load <i>(depending on country-related regulations)</i> <i>(technical)</i>	10-12 t at 80 km/h 12 t at 80 km/h	10-12 t at 80 km/h 12 t at 80 km/h	12 t at 80 km/h 12 t at 80 km/h
Fifth wheel load	20-35 t	20-35 t	20-35 t
Axle stroke	270 mm	260 mm	350 mm
Tires	245/70 R 17.5	245/70 R 17.5	245/70 R 17.5
Vehicle width	2,550 mm/2,750 mm	2,550 mm/2,750 mm	2,550 mm/2,750 mm
Axle spacing	1,360 mm/1,510 mm	1,360 mm/1,510 mm	1,360 mm/1,510 mm
Maximum steering angle	45°	45°	60°
Width excavator trough*	760 mm/960 mm	760 mm/960 mm	604 mm/804 mm
Number of axles	2-4	2-4	2-4
Surface refinement	Durability ensured with high-quality finish with zinc-dust base coat		

*Depending on vehicle width



STZ-VP (245)

STZ-VP (285)

TECHNICAL DATA

	STZ-VP (245)		STZ-VP (285)	
Axle load <i>(depending on country-related regulations)</i> <i>(technical)</i>	12 t at 80 km/h 12 t at 80 km/h		12 t at 80 km/h 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 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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