



STZ-L | STZ-H »MPA«

SEMI LOWLOADERS



OUR SEMI LOWLOADER CREATED TO MASTER CHALLENGES

Construction machinery, plant components, crane segments – just a small selection of what our forced-steering semi lowloaders of the STZ-L, STZ-H and »MPA« series move safely and reliably every day. No matter which load awaits, our vehicles master every challenge effortlessly.

PREPARED TO FACE EVERY TASK

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Regardless of when you need a versatile vehicle, our STZ-L, STZ-H and »MPA« semi lowloaders are your first choice. With the same vehicle bodywork, different axle units can provide you with exactly what you require for your applications: low loading height, extraordinary axle compensation or maximum robustness.



STZ-L | »MPA« WITH WHEEL RECESS

FLEXIBILITY IS WHAT COUNTS

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Our forced-steered wheel recessed vehicles are flexible workhorses in which you can individually utilize the loading area to also transport high loads with low overall heights. Extensive accessories and options round off the product range for these application-oriented and powerful helpers for everyday transport duties.



OUR MULTITALENTFOR EVERY LOAD

The semi lowloaders of the STZ-L, STZ-H and »MPA« series impress with their sophisticated axle technology and user-friendly operation. These economical vehicles enable you to be equipped for every challenge.



MACPHERSON AXLE TECHNOLOGY »MPA«

The axle is extremely maintenance friendly due to the small number of components. In addition, it is designed for high payloads.

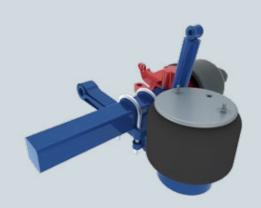
- » Maximum steering angle 60°
- » Axle stroke 350 mm
- » Loading height 785 mm



KNUCKLE TYPE STEERING AXLE AXLE WITH AIR SUSPENSION

The tried and tested axle technology with components from renowned manufacturers ensures a longer service life and high cost-effectiveness.

- » Maximum steering angle 45°
-)) Axle stroke 200 mm
- » Loading height 785 mm





KNUCKLE TYPE STEERING AXLE AXLE WITH HYDRAULIC AXLE COMPENSATION

This robust axle technology enables a longer service life and high vehicle availability. The axle stroke is operated hydraulically and guarantees high lateral stability with large and heavy loads.

- » Maximum steering angle 45°
-)) Axle stroke 260 mm
- » Loading height 795 mm



CHALLENGE ACCEPTED

The largest variety of loads, for example this soil stabilizer with a dead weight of 32 t, can be transported effortlessly with our semi lowloaders with forced steering.

TRANSPORT TECHNOLOGY MISSION 05





- **YOUR ~** Robust vehicle frame
- **BENEFITS** » Durability and reliability
 - Continuous steel loading area with anti-slip coating
 - Flexible loading capability with higher working safety
 - ✓ Proven and precise Goldhofer steering system
 -) Low maintenance costs and reduced tire wear

TECHNICAL + Tires **FEATURES**

- (only for STZ-L)
 - Vehicle width STZ-L | STZ-H
- »MPA« + Axle spacing

245/70 R 17,5 205/70 R 17,5

- 2,550 mm/2,750 mm/3,000 mm
- 2,550 mm/2,750 mm 1,360 mm/1,510 mm

STZ-L | STZ-H | »MPA« **UP TO ANY TASK**





VEHICLE DESIGN



TIRE WEAR







ACCESSORIES



Front bogie Extension stages Rear bogie Gooseneck (only for »MPA«) + Fifth wheel load Number of axles Rigid + Width excavator trough* 20-35 t Single STZ-L: 674 mm/874 mm/1,024 mm + Swing clearance telescopic STZ-H: 674 mm/874 mm/1,024 mm Double »MPA«: 604 mm/804 mm radius 2,100-2,800 mm Number of axles telescopic STZ-L: 2-6 + Fixed/hydraulic STZ-H: 3-8 + Center beam, Outside position »MPA«: 2-8 beams *Depending on vehicle width

TECHNICAL DIFFERENCES



STZ-L

- + Axle load (depending on countryrelated regulations) 10-12 t at 80 km/h
- + Axle load (technical) 15.6t at 20 km/h
- + Loading height 785 mm/695 mm**
- + Axle stroke 200 mm
- + Maximum steering angle 45°



STZ-H

- + Axle load (depending on countryrelated regulations) 10-12 t at 80 km/h
- + Axle load (technical)
- 15.6 t at 20 km/h + Loading height 795 mm
- Axle stroke 260 mm
- + Maximum steering angle 45°



- + Axle load (depending on countryrelated regulations) 12 t at 80 km/h
- + Axle load (technical) 15.6 t at 20 km/h
- + Loading height 785 mm
- + Axle stroke 350 mm + Maximum steering angle 60°
 - **Depending on tires

TRANSPORT TECHNOLOGY STZ-L | STZ-H | »MPA«





BENEFITS

- **YOUR** Varied application possibilities for the most different loads
 - n Increased flexibility in action
 - ✓ Lon excavator trough deck and low wheel recesses
 - **1)** Lowest loading heights to fulfill the most stringent height guidelines
 - Intelligent system for covering the recesses
 - Reduced set-up time for the most varied loads

TECHNICAL + Axle load **FEATURES**

- (depending on countryrelated regulations)
- + Tires
- (only for STZ-L) + Vehicle width
- + Axle spacing
- 2,550 mm/2,750 mm
 - 1,360 mm

10-12 t at 80 km/h

245/70 R 17,5

205/70 R 17,5

STZ-L | »MPA« WITH WHEEL RECESS **FLEXIBILITY COUNTS**





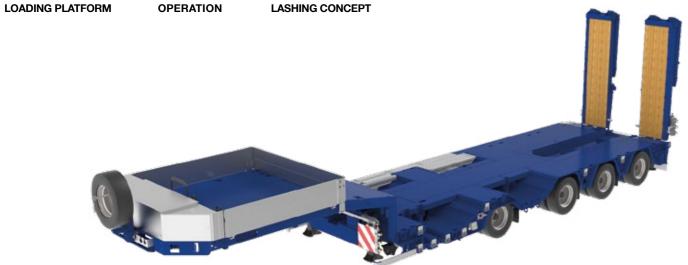








PRACTICAL



Gooseneck

Bogie with wheel recess







- + Fifth wheel load
- + Swing clearance radius 2,100-2,800 mm
- + Fixed
- + Center beam, Outside position beams



- Width excavator trough* STZ-L: 674 mm/874 mm »MPA«: 604 mm/804 mm
- + Number of axles 3-5

*Depending on vehicle width

TECHNICAL DIFFERENCES



STZ-L WITH WHEEL RECESS

- + Axle load (technical) 15.6 t at 20 km/h
- + Loading height 785 mm/695 mm**
- + Axle stroke 200 mm
- + Maximum steering angle 45°



»MPA« WITH WHEEL RECESS

- + Axle load (technical) 15.6t at 20 km/h
- + Loading height 785 mm
- Axle stroke 350 mm
- + Maximum steering angle 60°

**Depending on tires

TRANSPORT TECHNOLOGY STZ-L | »MPA« WITH WHEEL RECESS

STZ-L | STZ-H | »MPA« WHEEL RECESSED VEHICLES **ACCESSORIES AND OPTIONS**



- GENERAL + Knorr "TIM"/Wabco "Smartboard"
- ACCESSORIES + "easyCONTROL" remote steering
 - + »SmartControl«
 - + Wide load marker boards
 - + Storage boxes under the loading platform
 - + Working lights
 - + Lift axle

GOOSENECK +

- Spare wheel carrier
- + High front wall
- + Sidewalls
- + Premium tool box
- + Loading ramp
- + Cable winch
- + Stowage aids for accessories
- + Electrohydraulic or diesel power pack

LOADING PLATFORM

- + Long material trestle, stake pocket strip
- + Outriggers
- + Threaded bushes
- + Load-securing trestle
- + Excavator crawler deck
- + Sliding table
- + Insertable wheel recesses

- **REAR** + Various rear designs, suspension rail
 - + Hydraulic ramp sideshift
 - + Climbing pads
 - + Mechanical/hydraulic landing legs
 - + Detachable ramps
 - + Ramps in a variety of widths, lengths and coverings

STZ-L | »MPA« WITH WHEEL RECESS TECHNICAL DATA

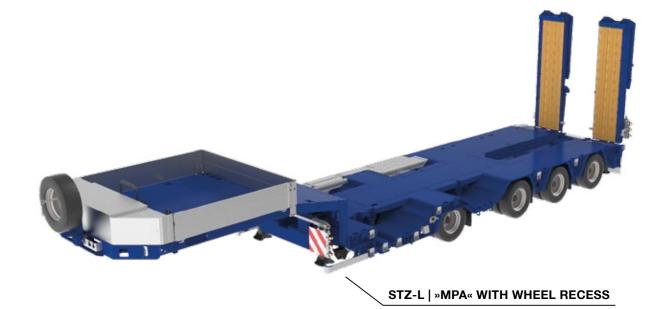


TECHNICAL DATA

	STZ-L WITH WHEEL RECESS	»MPA« WITH WHEEL RECESS	
Axle load (depending on country-			
related regulations) (technical)	10-12 t at 80 km/h 15.6 t at 20 km/h	10-12 t at 80 km/h 15.6 t at 20 km/h	
Fifth wheel load	20-26 t	20-26 t	
Loading height	785 mm ^[1] 695 mm ^[2]	785 mm	
Axle stroke	200 mm	350 mm	
Tires	245/70 R 17,5 ^[1] 205/70 R 17,5 ^[2]	245/70 R 17,5	
Vehicle width	2,550 mm 2,750 mm	2,550 mm 2,750 mm	
Axle spacing	1,360 mm	1,360 mm	
Maximum steering angle	45°	60°	
Width excavator ex- cavator trough*	674 mm 874 mm	604 mm 804 mm	
Number of axles	3-5 axles	3-5 axles	
Surface platform refinement	Durability ensured with high-quality finish with zinc-dust base coat		
	[1] 0.45 /70 D.47 5 1' [2] 0.05 /70 D.47 5 1'	+D " 1'1	

[1] 245/70 R 17,5 tires [2] 205/70 R 17,5 tires

*Depending on vehicle width



ACCESSORIES AND OPTIONS TECHNICAL DATA 11



STZ-L | STZ-H | »MPA« TECHNICAL DATA

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TECHNICAL DATA

	STZ-L	STZ-H	»MPA«
Axle load (depending on country-			
related regulations)	10-12 t at 80 km/h	10-12 t at 80 km/h	12 t at 80 km/h
(technical)	15.6 t at 20 km/h	15.6 t at 20 km/h	15.6 t at 20 km/h
Fifth wheel load	20-35 t	20-35 t	20-35 t
Loading height	785 mm ^[1] 695 mm ^[2]	795 mm	785 mm
Axle stroke	200 mm	260 mm	350 mm
Tires	245/70 R 17,5 ^[1] 205/70 R 17,5 ^[2]	245/70 R 17,5	245/70 R 17,5
Vehicle width	2,550 mm 2,750 mm 3,000 mm	2,550 mm 2,750 mm 3,000 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	674 mm	674 mm	604 mm
excavator trough	874 mm	874 mm	804 mm
	1,024 mm	1,024 mm	
Number of axles	2-6	3-8	2-11
Surface platform refinement	Durability ensured with high-quality finish with zinc-dust base coat		
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 $^{\mbox{\tiny [1]}}\,\mbox{245/70}$ R 17,5 tires $^{\mbox{\tiny [2]}}\,\mbox{205/70}$ R 17,5 tires

*Depending on vehicle width



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