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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

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.



### FLEXIBILITY IS WHAT COUNTS

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.



### STZ-L | STZ-H | »MPA«

### 06

### STZ-L | »MPA« WITH WHEEL RECESS

#### 08

### **OUR MULTITALENT** FOR 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.

### WHEEL RECESSED VEHICLES

Even more flexibility during transport: Utilizing wheel recesses makes the use of the loading area even more flexible and your transport will become even more economical

MORE REGARDING THE TYPE PAGE STZ-L/»MPA« 06 WITH WHEEL RECESS

#### 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.

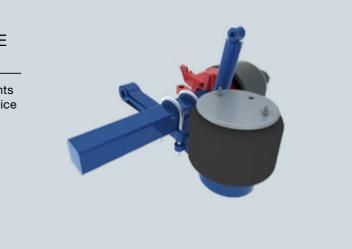
- » Maximum steering angle 45°
- » Axle stroke 200 mm
- » Loading height 785 mm





### 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.



### 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



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





LOW

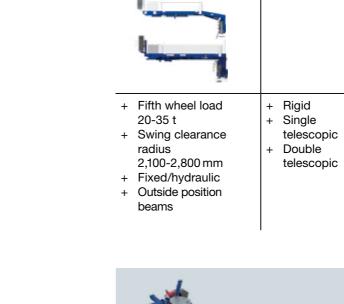
TIRE WEAR



LOW MAINTENANCE VEHICLE DESIGN

COMPRHENSIVE ACCESSORIES





Gooseneck





Extension stages Rear bogie

- + 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°
- 15.6t at 20 k Loading heigh + Axle stroke 26
- + Maximum ste

TRANSPORT TECHNOLOGY

6:0:00





+ Width excavator trough\* STZ-L: 674 mm/874 mm/1,024 mm »MPA«: 604 mm/804 mm Number of axles STZ-L: 2-6 STZ-H: 3-8 »MPA«: 2-8

\*Depending on vehicle width

	TECHNICAL DIFFERENCES
🗼 stz-н	»MPA«
<ul> <li>Axle load (depending on country- related regulations) 10-12 t at 80 km/h</li> <li>Axle load (technical) 15.6 t at 20 km/h</li> <li>Loading height 795 mm</li> <li>Axle stroke 260 mm</li> <li>Maximum steering angle 45°</li> </ul>	<ul> <li>+ Axle load (depending on country- related regulations) 12 t at 80 km/h</li> <li>+ Axle load (technical) 15.6 t at 20 km/h</li> <li>+ Loading height 785 mm</li> <li>+ Axle stroke 350 mm</li> <li>+ Maximum steering angle 60°</li> </ul>
	**Depending on tires



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

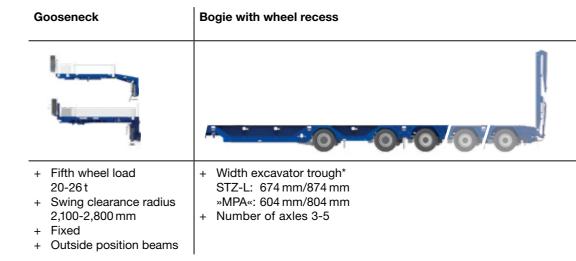


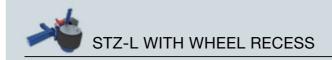
FLEXIBLE USE OF THE LOADING PLATFORM

SIMPLE OPERATION

PRACTICAL LASHING CONCEPT







- + 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°

- YOUR 
   Varied application possibilities for the most different loads
  - Increased flexibility in action
  - Lon excavator trough deck and low wheel recesses **)** 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
  - (depending on countryrelated regulations)
  - + Tires (only for STZ-L)
  - + Vehicle width
  - + Axle spacing

10-12 t at 80 km/h 245/70 R 17,5 205/70 R 17,5 2,550 mm/2,750 mm 1,360 mm

\*Depending on vehicle width

#### **TECHNICAL DIFFERENCES**

### »MPA« WITH WHEEL RECESS

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

\*\*Depending on tires

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

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

					STZ-L WITH WHEEL RECESS	»MPA« WITH WHEEL RECESS
GENERAL ACCESSORIES	<ul> <li>+ Knorr "TIM"/Wabco "Smartboard"</li> <li>+ "easyCONTROL" remote steering</li> <li>+ »SmartControl«</li> <li>+ Wide load marker boards</li> </ul>	O	TECHNICAL DATA	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
	+ Storage boxes under the loading platform			Fifth wheel load	20-26 t	20-26 t
	+ Working lights + Lift axle			Loading height	785 mm <sup>[1]</sup> 695 mm <sup>[2]</sup>	785 mm
GOOSENECK	<ul> <li>+ Spare wheel carrier</li> <li>+ High front wall</li> </ul>			Axle stroke	200 mm	350 mm
	<ul> <li>+ Sidewalls</li> <li>+ Premium tool box</li> <li>+ Loading ramp</li> </ul>			Tires	245/70 R 17,5 <sup>[1]</sup> 205/70 R 17,5 <sup>[2]</sup>	245/70 R 17,5
	<ul> <li>+ Cable winch</li> <li>+ Stowage aids for accessories</li> <li>+ Electrohydraulic or diesel power pack</li> </ul>			Vehicle width	2,550 mm 2,750 mm	2,550 mm 2,750 mm
LOADING PLATFORM	+ Long material trestle, stake pocket strip			Axle spacing	1,360 mm	1,360 mm
	<ul> <li>+ Outriggers</li> <li>+ Threaded bushes</li> <li>+ Load-securing trestle</li> </ul>			Maximum steering angle Width excavator ex- cavator trough*	e 45° 674 mm 874 mm	60° 604 mm 804 mm
	+ Excavator crawler deck			Number of axles	3-5 axles	3-5 axles
	<ul> <li>+ Sliding table</li> <li>+ Insertable wheel recesses</li> </ul>			Surface platform refinement	Durability ensured with high-qual zinc-dust base coat	ity finish with
REAR	<ul> <li>+ Various rear designs, suspension rail</li> <li>+ Hydraulic ramp sideshift</li> <li>+ Climbing pads</li> <li>+ Mechanical/hydraulic landing legs</li> <li>+ Detachable ramps</li> <li>+ Ramps in a variety of widths, lengths and coverings</li> </ul>				<sup>[1]</sup> 245/70 R 17,5 tires <sup>[2]</sup> 205/70 R 17,5 tires	*Depending on vehicle width



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## STZ-L | STZ-H | »MPA« TECHNICAL DATA

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TECHNICAL

DATA

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	STZ-L	STZ-H	»MPA«
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	12 t at 80 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 <sup>[1]</sup> 695 mm <sup>[2]</sup>	795 mm	785 mm
Axle stroke	200 mm	260 mm	350 mm
Tires			
	245/70 R 17,5 <sup>[1]</sup> 205/70 R 17,5 <sup>[2]</sup>	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 excavator trough	674 mm 874 mm 1,024 mm		604 mm 804 mm
Number of axles	2-6	3-8	2-8
Surface platform refinement	Durability ensured with zinc-dust base coat		

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

\*Depending on vehicle width

Technical data in loaded vehicle condition

reserve the right to make design alterations and changes in the sense of technical progress and on the basis of statutory regulations.

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09/2022-EN



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