» PRODUCT BROCHURE





NORTH AMERICA

SEMI LOWLOADERS/LOWBOYS FLATBED SEMI-TRAILERS



	SEMI LOWLOADER AND FLATBED-SEMI-TRAIL
SERVICE AND SUPPORT	04
SEMITRAILERS FOR NORTH AMERICA	

SEMI LOWLOADER
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SPZ-L SPZ-GL
»Ventum«



SERVICE AND SUPPORT LEAVE IT TO US!

Efficient transport essentially depends on two factors: the vehicle and the personnel. You must always be able to rely on both of them. With a unique combination based on service and training offers, Goldhofer contributes to ensuring that both vehicle and personnel will never let you down.



24H AVAILABLE EMERGENCY HOTLINE

We minimize your operational downtime by ensuring our service staff are ready to assist with a wide range of issues. In the event of an emergency, call our 24-hour hotline.

The staff at Flite Line consider themselves members of each customer's technical support team and are prepared to assist around the clock to guarantee operations stay on track.



FOR 24/7 SUPPORT PLEASE CALL: Telephone: +1 954-433-5617

USUAL BUSINESS HOURS: Weekdays: 8:00 am - 6:00 pm (EST)



TRANSPORT ENGINEERING

- + Software programs for transport project management
- + Route surveys
- + Transport support through service engineering

SPARE PARTS

- + Fast availability
- + Local spare parts stock
- + Online electronic spare parts catalogue

REPAIRS

- + Maintenance and repair works
- + General vehicle overhauls
- + Workshop vehicles
- + In-house repair shop

FROM MIRAMAR/FLORIDA

Our professional team in Miramar/Florida can support a wide range of issues such as building and converting vehicles, guiding complex transport cargos, delivering spare parts or carry out on-site repairs.

Our service technicians are all trained by the manufacturer and certified and are readily available to carry out diverse and multifaceted assignments directly on location. We offer after sales support throughout the life of each product we sell and support you actively in terms of maintenance.

Our approach ensures essential procedures are run early, damage is avoided, and equipment availability is significantly increased.

- + 24-hour service
- + Local service partner
- + Local spare parts supply
- + Technical support
- + Transport advice and trainings by Goldhofer



SEMITRAILERS FOR NORTH AMERICA

With a wide range of semitrailers Goldhofer pays attention to your everyday needs as well as to legal regulations, which differ from the many jurisdictions in North America. You can choose between different axles and steering options, fitting your daily business.



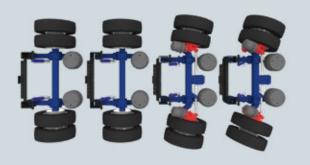
LOW AND TELESCOPIC

The »MPA« 6 allows more flexibility during transport, as by the low loading height you may transport even higher goods and by the single telescopic capability you are always in perfect length.

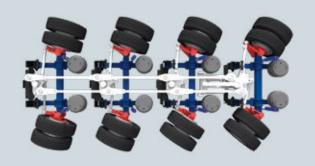
MORE REGARDING »MPA« 6

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FRICTION STEERED AXLES WITH AIR SUSPENSION



KNUCKLE-STEERED-AXLES WITH AIR SUSPENSION





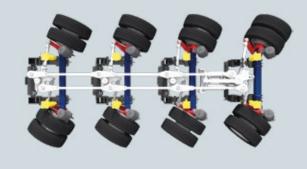
A GIANT FOR AMERICAN HIGHWAYS

The flexible workhorse uses components from premium manufacturers and stands for low maintenance during a long service life. Well thought out features ensure maximum safety and efficiency for your operations.

TURNTABLE STEERED AXLES WITH AIR SUSPENSION



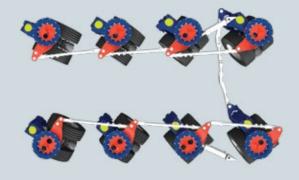
KNUCKLE-STEERED-AXLES WITH HYDRAULIC SUSPENSION



MACPHERSON AXLE TECHNOLOGY »MPA«



STEERED PENDULAR AXLE WITH HYDRAULIC SUSPENSION



TESTED AND PROVEN SOLUTIONS SINCE 1705

DO NOT HUN

For years, the Goldhofer semi lowloaders have proven themselves as reliable partners in the heavy haulage industry. With a choice of various axle technologies, maximum frame strength and extendable decks plus a choice of vehicle widths and various wheelbases, our semi lowloaders set the standard.

SIMPLY RELIABLE

In the tough daily transport routine, time counts above all. In order to load and unload various loads as quickly as possible, our STZ-VL lowboy trailer can be driven over from the front. With increasing weight and volumes of the loaded goods, it is also crucial that the vehicles themselves are as light as possible and, at the same time, able to carry high payloads. The STZ-VL is a true champions in this case and it will make your transports safe and efficient.

STZ-L | STZ-H

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PREPARED TO FACE EVERY TASK

No matter what, when you need a versatile vehicle, our STZ-L, STZ-H semi lowloaders are your first choice. Different types of axles can provide you with exactly what you require for your applications: low loading height, an optimum axle compensation or maximum strength.

GIANTS FOR AMERICAN HIGHWAYS

Our highway semi lowloaders are tailor-made to the needs of North American transport industry. Both the »MPA« 6 and the STZ-P 9 are equipped with tridem axle groups. For STZ-P 9 the axle spacing between the tridems can be also adjusted to fulfill the various North American regulations. The low driving height makes the shortest permittable route for your wide range of cargos possible.





»MPA« 6 | STZ-P 9



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STZ-VL SIMPLY RELIABLE



LOW DEAD WEIGHT



HORIZONTAL PIN BETWEEN THE LOW-DECK AND BOGIE



SIMPLE OPERATION





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Gooseneck	Bridge design	Rear chassis
		0.0.0
+ Center beam, fifth wheel load 57,300 lbs/77,100 lbs/97,000 lbs [26 t/35 t/44 t]	 + Deck design: Flatbed with removable inlay mattresses + Construction height 	 + Optional Trail King Booster axle + Optional Flip Axle + Width excavator boom recess* 2'6"/3'1" ^[760 mm/960 mm]
 Outside position beams, fifth wheel load 44,000 lbs/66,100 lbs ^[20 t/30 t] 	8"-1' ^[220-300 mm] + Rigid + Single telescopic	 + Axle compensation STZ-VL 10" ^[270 mm] + Number of axles
 + Swing clearance radius 6'11"-9'2" ^[2,100-2,800 mm] + Hydraulic 		2-4 axles

*Depending on vehicle width



STZ-L | STZ-H PREPARED TO FACE EVERY TASK



LOW MAINTENANCE

VEHICLE DESIGN



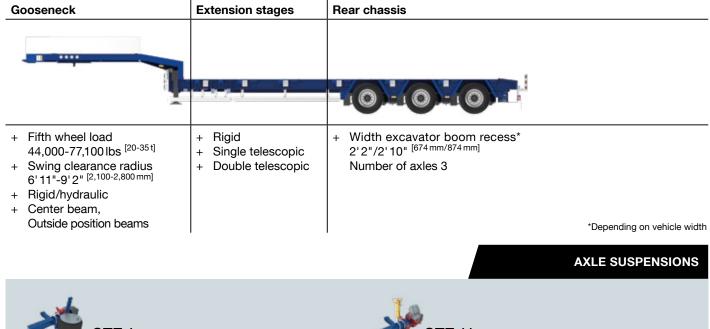
LOW TIRE WEAR



ACCESSORIES







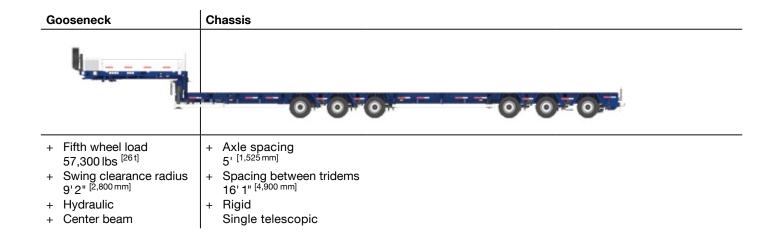
STZ-L STZ-H + Loading height + Loading height 2' 11" (±4") [885 mm (±100 mm)]3' (±5") ^[930 mm (±130 mm)] Rigid Rigid 3' (±5") ^[930 mm (±130 mm)] 2' 11" (±4") ^[885 mm (±100 mm)] Single telescopic Single telescopic 2' 11" (±4") ^[885 mm (±100 mm)] 3'2" (±5") ^[980 mm (±130 mm)] Double telescopic Double telescopic 8" [200 mm] 10" ^[260 mm] Axle compensation Axle compensation + + 45° 45° Max. steering angle Max. steering angle + +



»MPA« 6 GIANTS FOR NORTH AMERICAN HIGHWAYS









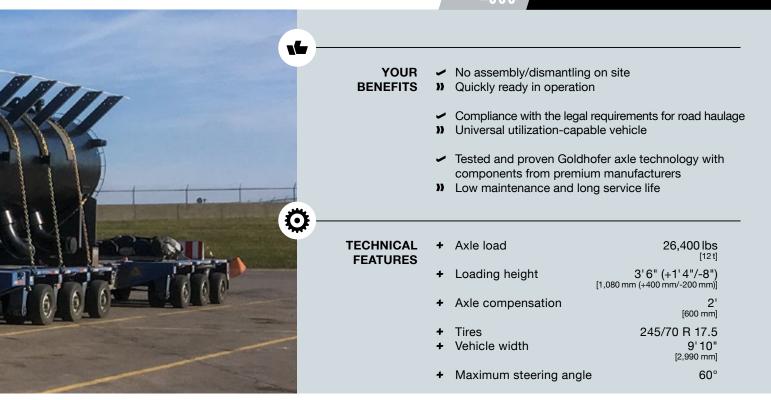
COST EFFECTIVE TRANSPORT SOLUTION

The »MPA« 6 impresses with its exceptionally low loading height. This characteristic enables safe transport for higher load. The increased extension capability ensures the highest-possible flexibility as the vehicle can be ideally adjusted to almost any load.



STZ-P 9 GIANTS FOR NORTH AMERICAN HIGHWAYS





Gooseneck	Chassis
	0-0-0-0-0-0-0-0
+ Fifth wheel load 66,100 lbs [30 t]	+ Axle spacing 5' ^[1,525 mm]
+ Swing clearance radius 9' 2" ^[2,800 mm]	+ Spacing between tridems 23'9"-23'1" ^[7,250-7,045 mm]
+ Hydraulic+ Center beam	+ Extension 2x 18' 1" ^[2x5,520 mm]



MAXIMUM EFFICIENCY

With the use of a tractor the length of the trailer can be shortened by pushing the rear bogie of the STZ-P 9 – even under load (of course it also can be extended again after passing a critical situation). That gives the vehicle the maneuverability and compact size needed to deliver different goods in the shortest possible time.

LOWBOY | SEMI LOWLOADER ACCESSORIES AND OPTIONS

GENERAL	+ Knorr "TIM"/Wabco "Smartboard"
ACCESSORIES	+ "easyCONTROL" remote steering
	+ Storage boxes under the loading platform
	+ Working lights
	+ Lift axle
GOOSENECK	+ Spare wheel carrier
GOOSENECK	 + Spare wheel carrier + High front wall
	+ Sidewalls
	+ Premium tool box
	+ Loading ramp + Cable winch
	+ Stowage aids for accessories
	+ Diesel power pack
LOADING PLATFORM	+ Long material trestle, stanchion pocket strip
	+ Outriggers
	+ Threaded bushings
	+ Load-securing trestle
	+ Sliding table
	+ Insertable wheel recesses
REAR	+ Various rear designs
	+ Hydraulic ramp sideshift
	+ Climbing pads
	+ Mechanical/hydraulic landing legs
	+ Detachable ramps
	+ Ramps in a variety of widths, lengths and coverings



LOWBOY | SEMI LOWLOADER TECHNICAL DATA



		STZ-VL	STZ-L	STZ-H	»MPA« 6	STZ-P 9
TECHNICAL DATA	Axle load (depending on country- related regulations)	22,000- 26,400 lbs at 50 mph [10-12 t at 80 km/h]	22,000- 26,400 lbs at 50 mph [10-12 t at 80 km/h]	22,000- 26,400 lbs at 50 mph [10-12t at 80 km/h]	26,000 lbs [12t]	26,400 lbs [12 t]
	Center beam, Fifth wheel load	57,300 lbs/ 77,100 lbs/ 97,000 lbs [26 t/35 t/44 t]	44,000- 77,000 lbs [20-35 t]	44,000- 77,000 lbs [20-35 t]	57,300 lbs [26t]	66,100 lbs ^[30 t]
	Outside position beams, Fifth wheel load	44,000 lbs/ 66,100 lbs/ [20 t/30 t]	44,000- 77,000 lbs [20-35 t]	44,000- 77,000 lbs [20-35 t]	_	-
	Loading height	depending on the design of the deck	depending on extendability	depending on extendability	2' 11" (+10"/-4") [885mm (+250mm/-100mm)]	3' 6" (+1' 4"/-8") [1,080 mm (+400 mm/-200 mm)]
	Axle compensation	10" [270 mm]	8" [200 mm]	10" [260 mm]	1' 2" [350 mm]	2' [600 mm]
	Tires	245/70 R 17.5	245/70 R 17.5	245/70 R 17.5	245/70 R 17.5	245/70 R 17.5
	Vehicle width	8'4"/9' [2,550 mm/2,750 mm]	8'4"/9' [2,550 mm/2,750 mm]	8'4"/9' [2,550 mm/2,750 mm]	9' [2,750 mm]	9' 10" [2,990 mm]
	Axle spacing	5' [1,525 mm]	5' [1,510mm]	5' [1,510mm]	5' [1,525 mm]	5' [1,525 mm]
	Spacing bet- ween tridems	_	_	_	16' 1" [4,900 mm]	23' 9"-23' 1" [7,250-7,045 mm]
	Extendability	Rigid Single telescopic	Rigid Single telescopic Double telescopic	Rigid Single telescopic Double telescopic	Rigid Single telescopic	2x18.1 ft [2x5,520 mm]
	Maximum steering angle	45°	45°	45°	60°	60°
	Width excavator boom recess*	2'6"/3'1" [760mm/960mm]	2'2"/2'10" [674mm/874mm]	2'2"/2'10" [674mm/874mm]	-	_
	Number of axles	2-4	3	3	6	9



NOTHING IS IMPOSSIBLE FLATBED SEMI-TRAILERS

Transporting heavy-duty and longer goods – irrespective of whether the load is crane ballast, crane jibs, trusses or components for wind energy plants, our flatbed semi-trailers are varied and suitable for anything. Equipped with up to five extension stages and a loading length of well over 230['] ^[70m], our flatbed semi-trailer can adapt perfectly to any load. This provides you with the greatest possible flexibility in your operation planning and enables you to react appropriately to any challenge.

SPZ-L | SPZ-GL

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PREPARED FOR ANYTHING

With a loading deck length of over 180' ^[55 m], Goldhofer is well prepared for any transportation task. Optionally available with hydraulic axle suspension, our flatbed semi-trailers with air suspension are designed for transporting extreme long loads over the road. Even if it gets tight, these trailers are convincing with their excellent maneuverability. These trailers are available with a offset gooseneck for an ever lower loading deck height and they give you an optimal utilization of your tractor fleet.

WELL OVER 230' [70 m]?

Today's loads are getting longer and heavier. The wind power industry, in particular, is developing ever longer rotor blades which continue to push vehicles to their limits – but not with the »VENTUM«. Equipped with five extension stages and the capability to take on loads of well over 230' ^[70 m], they are well prepared for the future.







»VENTUM«

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MOVING LONG LOADS AND STILL REMAINING MANEUVERABLE

Our flatbed semi-trailers impress with maneuverability in action – no matter how long the load is and what challenges await you on the route. Irrespective of whether concrete beams or steel girders, boilers or wind blades, you can always rely on our vehicles.





MASSES OF WIND BLADES

A total of 51 wind blades, with a length of up to 213' [65 m], were successfully transported by several vehicles of Type SPZ-GL on the Rio Negro in Argentina from a cargo ship via a very small pier to an intermediate storage facility.



LONG LOADS OF ANY KIND

Not only in the field of wind energy, but also in other areas where long loads pose a challenge in daily transport, our flatbed semi-trailers are always ready for the task at hand. If flexibility and high robustness are what is required, then you can always rely on us.



SPZ-L | SPZ-GL PREPARED FOR ANYTHING



PRACTICAL LASHING CONCEPT

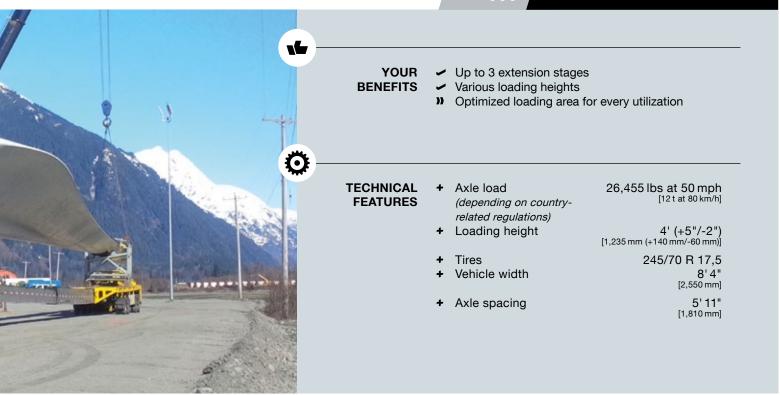


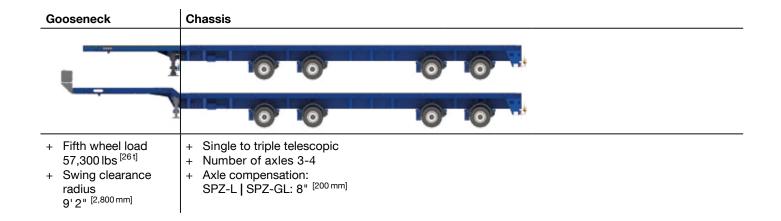
COST EFFECTIVE TRANSPORT SOLUTION



COMPREHENSIVE ACCESSORIES









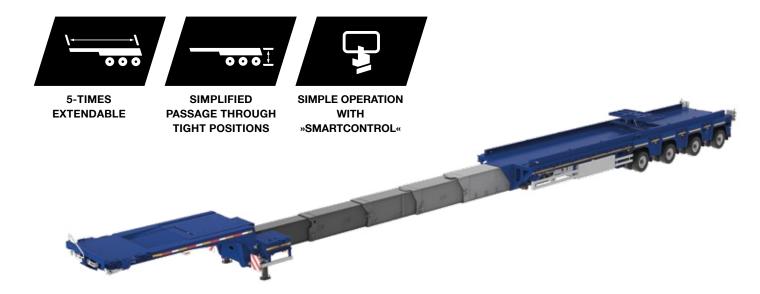
MAXIMUM FLEXIBILITY

Our flatbed semi-trailer always demonstrates its complete performance capability, not just when transporting wind energy components.



»VENTUM« WELL OVER 230'?





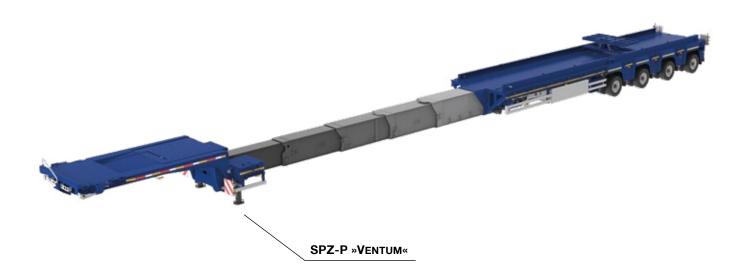
	YOUR BENEFITS		5-times extendable Suitable for 5-axle tractor Ready for transporting the Enormous lift in goosened Simplified passage throug tunnels or roundabouts w	e longest wind blades ck and in the chassis gh tight positions such as
0	TECHNICAL FEATURES	+	Axle load (depending on country- related regulations) Loading height	26,500 lbs at 50 mph [121 at 80 km/h] 4' 1" [1,240 mm]
		+	Axle compensation	[1,240 mm] 2' [600 mm]
		+ +	Tires Vehicle width	245/70 R 17,5 9' [2,750 mm]
and the		+	Axle spacing	6' [1,810 mm]

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Gooseneck	Telescopic tubes	Loading area
 + Fifth wheel load 73,800 lbs [33,51] + Swing clearance radius 11' 2" [3,400 mm] 	+ 5-times extendable	+ Number of axles 3-4

SPZ-FAMILY ACCESSORIES AND OPTIONS

GENERAL ACCESSORIES	 + Knorr "TIM"/Wabco "Smartboard" + Radio remote control + Storage boxes under the loading platform + Working lights + Lift axle + Dieselhydraulic power pack
GOOSENECK	 + Spare wheel carrier + High front wall + Toolbox
LOADING AREA	 + Stake pocket strip + Threaded bushes + Load-securing trestle + Twist locks + Rail system including sliding table + »BLADEX«



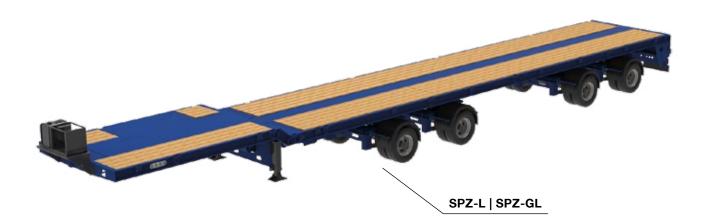
SPZ-FAMILY TECHNICAL DATA



TECHNICAL

DATA

	SPZ-L SPZ-GL	»VENTUM«
Axle load (depending on country- related regulations)	26,455 lbs at 50 mph [12t at 80 km/h]	26,455 lbs at 50 mph [12 t at 80 km/h]
Fifth wheel load	57,320 lbs [26 t]	73,800 lbs [33.5 t]
Loading height	4' (+5"/-2") [1,235 mm (+140 mm/-60 mm)]	4' 1" [1,240 mm]
Axle compensation	8" [200 mm]	2' [600 mm]
Axle spacing	6' [1,810 mm]	6' [1,810 mm]
Tires	245/70 R 17,5	245/70 R 17,5
Vehicle width	8' 4" [2,550 mm]	9' [2,750 mm]
Extendability	Single to triple telescopic	5-times extendable
Number of axles	3-4	3-4



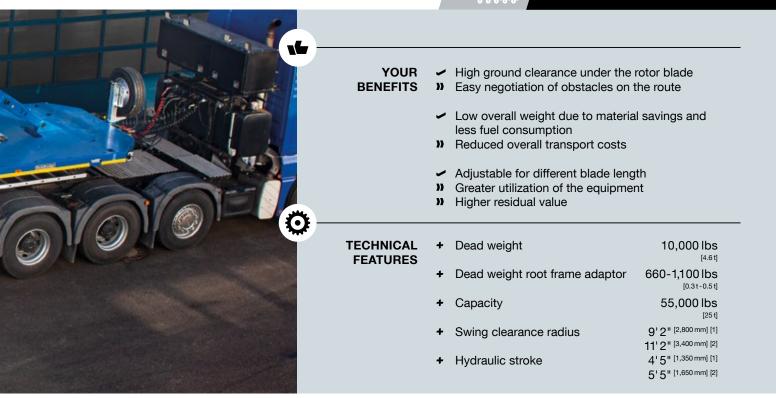


»BLADES« THE ECONOMICAL SOLUTION

With »BLADES«, the cargo itself has a structural function within the configuration. At the back of the tractor is a free-turning device, on which the root end of the rotor blade is mounted while the tip end is placed on a trailing dolly and clamped between two precisely shaped holders. The blade thus connects the tractor and the dolly as an unsupported member and transmits the forces between the two. The advantages of this solution: lower overall weight thanks to material savings, reduced fuel consumption and – compared with current blade hauler solutions – a smaller capital outlay.



TRANSPORT TECHNOLOGY



HIGHEST FLEXIBILITY

The »BLADES« can easily be combined with either an air-suspension trailer or a heavy-duty module as dolly. For this economic transport solution, only a turntable, an adaptor for the empty configuration and a hydraulic powerpack are required accessories, which allows an effective fleet management. Detailed information about your specifically required configuration can be obtained from our sales department.





THP/SL (4-axle)*



TECHNICAL Axle load DATA (depending (DOLLY) related regu

(depending on country- related regulations)	22,000-26,000 lbs at 50 mph [10-121 at 80 km/h]	26,000-40,000 lbs at 50 mph [12-18 t at 80 km/h]		
(technical)	26,000 lbs at 50 mph [12t at 80 km/h]	99,000 lbs at 0.6 mph [45 t at 1 km/h]		
Axle stroke	7" ^[190 mm]	2' [600 mm]		
Tires	Twin tires 245/70 R 17.5	Twin tires 215/75 R 17.5		
Dead weight	SN-L 4 18,000 lbs ^[8 t] SN-L 5 22,000 lbs ^[9.8 t]	31,000 lbs ^[13.9 t]		
Vehicle width	8'4" ^[2,550 mm]	9' 10" ^[3,000 mm]		
Maximum steering angle	± 50°	± 55°		





NORTH AMERICA'S LEADING PROVIDER OF TRANSPORT TECHNOLOGY EQUIPMENT

From small excavators to wind blades, compact transformers, bulky machinery to mining machinery and parts to petrochemical plants: Without a doubt, our vehicles are operation-oriented and optimally adapted to the respective requirements of your transport tasks.



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MADE FOR YOUR MISSION