



NORTH AMERICA

SEMI LOWLOADERS/LOWBOYS
FLATBED SEMI-TRAILERS



MADE FOR YOUR MISSION



SEMI LOWLOADER AND FLATBED-SEMI-TRAILERS

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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 Goldhofer Inc. 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
- + 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.

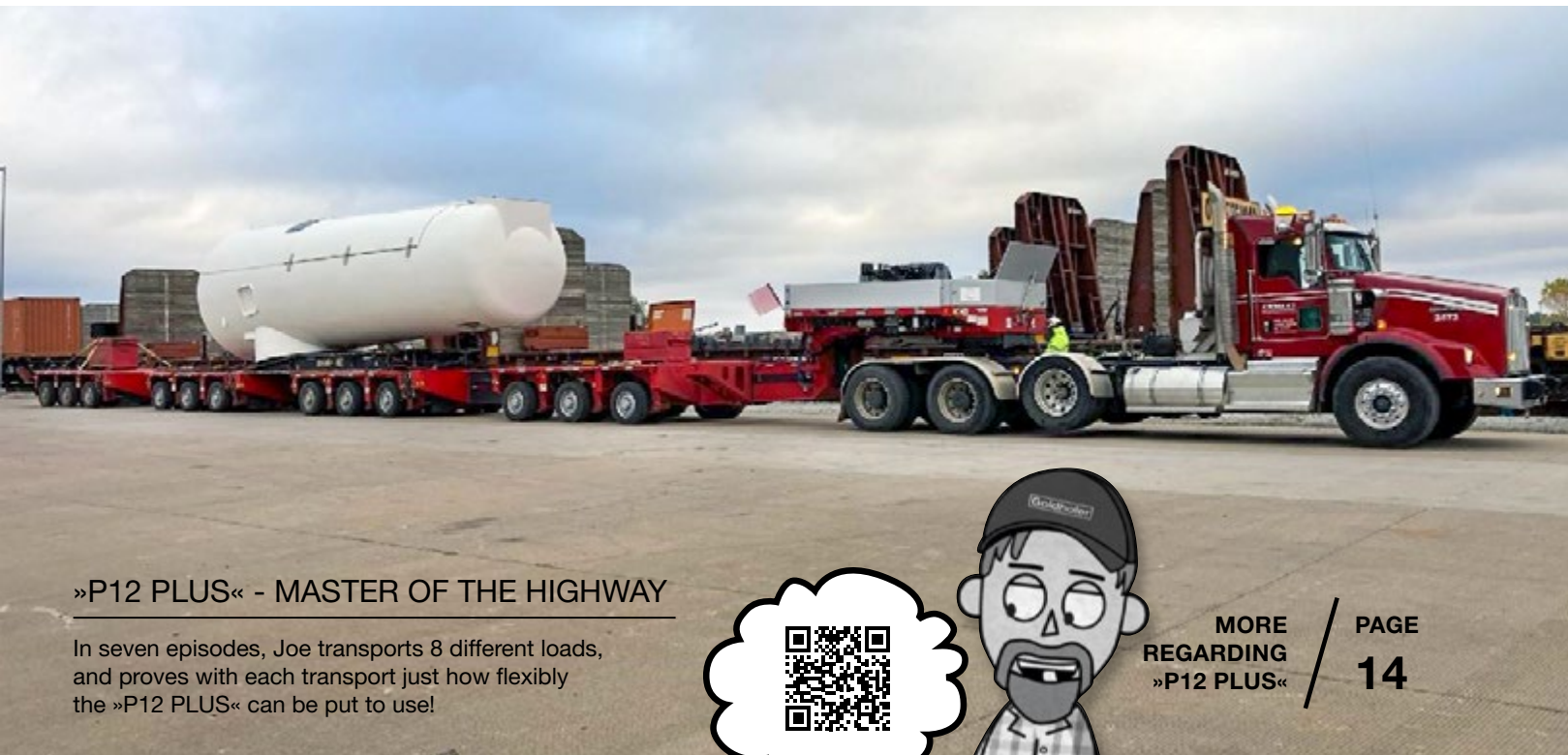
Our approach ensures essential procedures are run early, damage is avoided, and equipment availability is significantly increased.

- + 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.



»P12 PLUS« - MASTER OF THE HIGHWAY

In seven episodes, Joe transports 8 different loads, and proves with each transport just how flexibly the »P12 PLUS« can be put to use!



MORE REGARDING »P12 PLUS«

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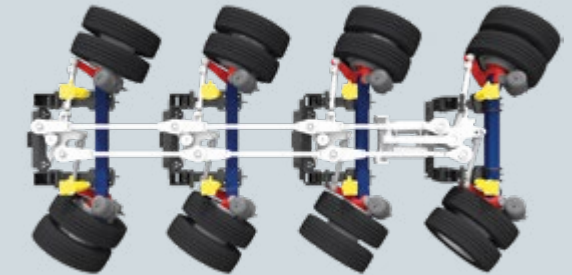
A GIANT FOR AMERICAN HIGHWAYS

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.

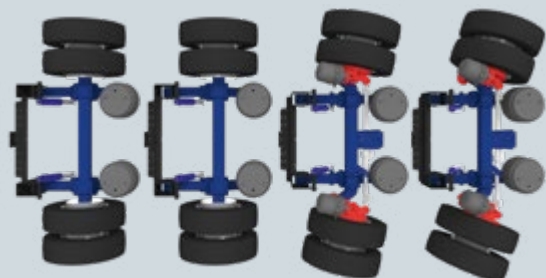
TURNTABLE STEERED AXLES WITH AIR SUSPENSION



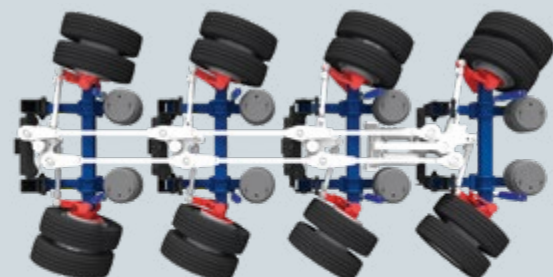
KNUCKLE-STEERED AXLES WITH HYDRAULIC SUSPENSION



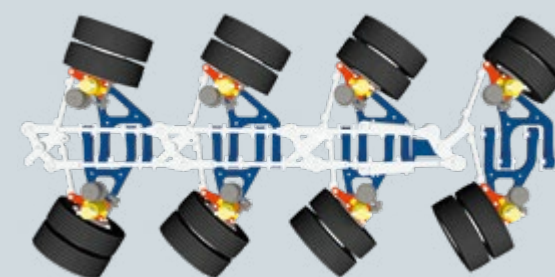
FRICTION STEERED AXLES WITH AIR SUSPENSION



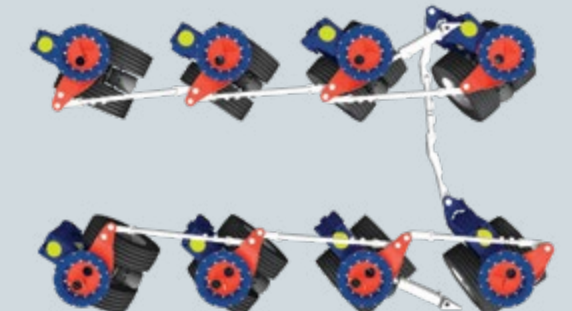
KNUCKLE-STEERED AXLES WITH AIR SUSPENSION



MACPHERSON AXLE TECHNOLOGY »MPA«



STEERED PENDULAR AXLE WITH HYDRAULIC SUSPENSION



TESTED AND PROVEN SOLUTIONS SINCE 1705

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

10

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 champion in this case and it will make your transports safe and efficient.



GIANTS FOR AMERICAN HIGHWAYS

12

Our highway semi lowloaders are tailor-made to the needs of North American transport industry. The axle spacing between the tridem can be adjusted to fulfill the various North American regulations. The low driving height makes the shortest permissible route for your wide range of cargos possible.



MIX AND MATCH FOR MORE FLEXIBILITY

14

The Goldhofer »P12 PLUS« is an innovative, flexible, and efficient transportation solution. Due to its modular design, it offers a PLUS of multiple combinations, allowing configuration for any project.




YOUR BENEFITS

- ✓ Horizontal pin between lowdeck and bogie
- » Versatile vehicle combinations for the most varied utilizations and maximum extension
- ✓ Can be combined with jeep dollies
- » Simple increase of the payload
- » User-friendly operation of the vehicle

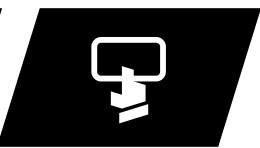

TECHNICAL FEATURES

- + Axle load 22,000-26,400 lbs at 50 mph
(depending on country-related regulations) [10-12 t at 80 km/h]
- + Tires 245/70 R 17.5
- + Vehicle width 8' 4" / 9'
[2,550 mm / 2,750 mm]
- + Axle spacing 5'
[1,525 mm]
- + Maximum steering angle 45°

STZ-VL

SIMPLY RELIABLE


LOW DEAD WEIGHT

HORIZONTAL PIN BETWEEN THE LOW-DECK AND BOGIE

SIMPLE OPERATION

Gooseneck


- + Center beam, fifth wheel load 57,300 lbs / 77,100 lbs / 97,000 lbs [26 t / 35 t / 44 t]
- + Outside position beams, fifth wheel load 44,000 lbs / 66,100 lbs [20 t / 30 t]
- + Swing clearance radius 6' 11" - 9' 2" [2,100 - 2,800 mm]
- + Hydraulic

Bridge design


- + Deck design: Flatbed with removable inlay mattresses
- + Construction height 8" - 1' [220 - 300 mm]
- + Rigid
- + Single telescopic

Rear bogies


- + Optional Trail King Booster axle
- + Optional Flip Axle
- + Width excavator boom recess* 2' 6" / 3' 1" [760 mm / 960 mm]
- + Axle compensation STZ-VL 10" [270 mm]
- + Number of axles 2-4 axles

*Depending on vehicle width



YOUR BENEFITS

- ✓ No assembly/dismantling on site
- » Quickly ready in operation
- ✓ Compliance with the legal requirements for road haulage
- » Universal utilization-capable vehicle
- ✓ Tested and proven Goldhofer axle technology with components from premium manufacturers
- » Low maintenance and long service life



TECHNICAL FEATURES

- + Axle load 26,400 lbs [12 t]
- + Loading height 3' 6" (+1' 4" / -8") [1,080 mm (+400 mm / -200 mm)]
- + Axle compensation 2' [600 mm]
- + Tires 245/70 R 17.5
- + Vehicle width 9' 10" [2,990 mm]
- + Maximum steering angle 60°

STZ-P 9 GIANTS FOR NORTH AMERICAN HIGHWAYS



**3-AXLE BOGIES
COMPLIANT TO
NORTH AMERICAN
REGULATIONS**

**COMPREHENSIVE
ACCESSORIES**

**RETRACTABLE
REAR BOGIE
UNDER LOAD**



Gooseneck



- + Fifth wheel load 57,300 lbs [26 t]
- + Swing clearance radius 9' 2" [2,800 mm]
- + Hydraulic
- + Center beam

Bogie



- + Axle spacing 5' [1,525 mm]
- + Spacing between tridems 23' 9" - 23' 1" [7,250-7,045 mm]
- + 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.



YOUR BENEFITS

- ✓ High adaptability
- » Can be individually adapted to any transportation task

- ✓ Multiple modular combinations
- » Innovative design offers optimal dead weight-to-payload ratio in any transportation configuration

- ✓ Ease of operation
- » Easy reverse driving with active automatic steering maximizing efficiency and time-savings



TECHNICAL FEATURES
refer to a specific 12-axle combination

+ Axle load	26,400 lbs [12 t]
+ Payload	281,000 lbs [127 t]
+ Loading height	3' 7" (+1' 4" / -8") [1,085 mm (+400 mm / -200 mm)]
+ Axle compensation	2' [600 mm]
+ Tires	245/70 R 17.5
+ Vehicle width	9' 10" [2,990 mm]
+ Maximum steering angle	60°

»P12 PLUS« MASTER OF THE HIGHWAY



HIGH TRANSPORT FLEXIBILITY

LARGE VARIETY OF COMBINATIONS

EASY REVERSE DRIVING



Gooseneck with front bogie



- + Fifth wheel load 57,300 lbs [26 t]
- + Swing clearance radius 9' 2" [2,800 mm]
- + Opt. long gooseneck swing clearance radius 11' 2" [3,400 mm]
- + Hydraulic
- + Center beam

Intermediate bogies



- + Axle spacing 5' [1,525 mm]
- + Spacing between tridems 6' 7" / 14' 1" [2,000 mm / 4,300 mm]
- + Extendability 1x7' 7" [1x2,300 mm]

Rear bogie



- + Axle spacing 5' [1,525 mm]
- + Spacing between tridems 6' 7" / 14' 1" [2,000 mm / 4,300 mm]



DRAWBAR COMBINATION

Combination with intermediate and rear bogies for even bigger flexibility.

»P12 PLUS« COMBINATIONS

1. SEMITRAILER COMBINATIONS

Gooseneck with front bogie | rear bogie
Payload 157,000 lbs ^[75 t]



Gooseneck with front bogie | intermediate bogies | rear bogie
Payload 223,000 lbs ^[101 t]



Gooseneck with front bogie | 2 intermediate bogies | rear bogie
Payload 281,000 lbs ^[127 t]



2. DROP DECK COMBINATIONS

Gooseneck with front bogie | excavator deck | intermediate bogie | rear bogie
Payload 192,000 lbs ^[87 t]



3. DRAWBAR COMBINATIONS

Drawbar | intermediate bogie | rear bogie
Payload 119,000 lbs ^[54 t]



Drawbar | 2 intermediate bogies | rear bogie
Payload 175,000 lbs ^[80 t]



4. LONG LOAD COMBINATIONS

Gooseneck with front bogie | 1 intermediate bogie | rear bogie | turntables
Payload 192,000 lbs ^[87 t]



Gooseneck with front bogie | 2 intermediate bogies | rear bogie | turntables
Payload 270,000 lbs ^[122 t]



Gooseneck with front bogie | 3 intermediate bogies | rear bogie | turntables
Payload 326,000 lbs ^[148 t]



5. EMPTY RETURN

Axles may be raised when empty (depending on state related regulations).



LOWBOY | SEMI LOWLOADER ACCESSORIES AND OPTIONS



GENERAL ACCESSORIES	<ul style="list-style-type: none"> + Knorr "TIM"/ Wabco "Smartboard" + "easyCONTROL" remote steering + Storage boxes under the loading platform + Working lights + Lift axle
GOOSENECK	<ul style="list-style-type: none"> + Spare wheel carrier + High front wall + Sidewalls + Premium tool box + Loading ramp + Cable winch + Stowage aids for accessories + Diesel power pack
LOADING PLATFORM	<ul style="list-style-type: none"> + Long material trestle, stanchion pocket strip + Outriggers + Threaded bushings + Load-securing trestle + Sliding table + Insertable wheel recesses
REAR	<ul style="list-style-type: none"> + 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-P 9	»P12 PLUS«
TECHNICAL DATA			
Axle load <i>(depending on country-related regulations)</i>	22,000-26,400 lbs at 50 mph [10-12 t at 80 km/h]	26,400 lbs [12 t]	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]	57,300 lbs [26 t]	57,300 lbs [26 t]
Outside position beams, Fifth wheel load	44,000 lbs/ 66,100 lbs/ [20 t/30 t]	—	—
Loading height	depending on the design of the deck	3' 6" (+1' 4"/-8") [1,085 mm (+400 mm/-200 mm)]	3' 7" (+1' 4"/-8") [1,085 mm (+400 mm/-200 mm)]
Axle compensation	10" [270 mm]	2' [600 mm]	2' [600 mm]
Tires	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]	9' 10" [2,990 mm]	9' 10" [2,990 mm]
Axle spacing	5' [1,525 mm]	5' [1,525 mm]	5' [1,525 mm]
Spacing between tridems	—	23' 9"-23' 1" [7,250-7,045 mm]	6' 7"/ 14' 1" [2,000-4,300 mm]
Extendability	Rigid Single telescopic	2x18.1 ft [2x5,520 mm]	3x 7' 7" [3x2,300 mm]
Maximum steering angle	45°	60°	60°
Width excavator boom recess*	2' 6"/3' 1" [760 mm/960 mm]	—	—
Number of axles	2-4	9	6/9/12



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 three extension stages and a loading length of well over 180' ^[55m], 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.



PREPARED FOR ANYTHING

With a loading deck length of over 180' ^[55m], 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 an offset gooseneck for an even lower loading deck height and they give you an optimal utilization of your tractor fleet.



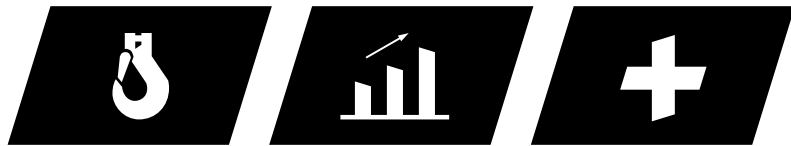


- YOUR BENEFITS**
- ✓ Up to 3 extension stages
 - ✓ Various loading heights
 - » Optimized loading area for every utilization



- TECHNICAL FEATURES**
- + Axle load (depending on country-related regulations) 26,455 lbs at 50 mph [12 t at 80 km/h]
 - + Loading height 4' (+5"/-2") [1,235 mm (+140 mm/-60 mm)]
 - + Tires 245/70 R 17,5
 - + Vehicle width 8' 4" [2,550 mm]
 - + Axle spacing 5' 11" [1,810 mm]

SPZ-L | SPZ-GL PREPARED FOR ANYTHING



PRACTICAL LASHING CONCEPT

COST EFFECTIVE TRANSPORT SOLUTION

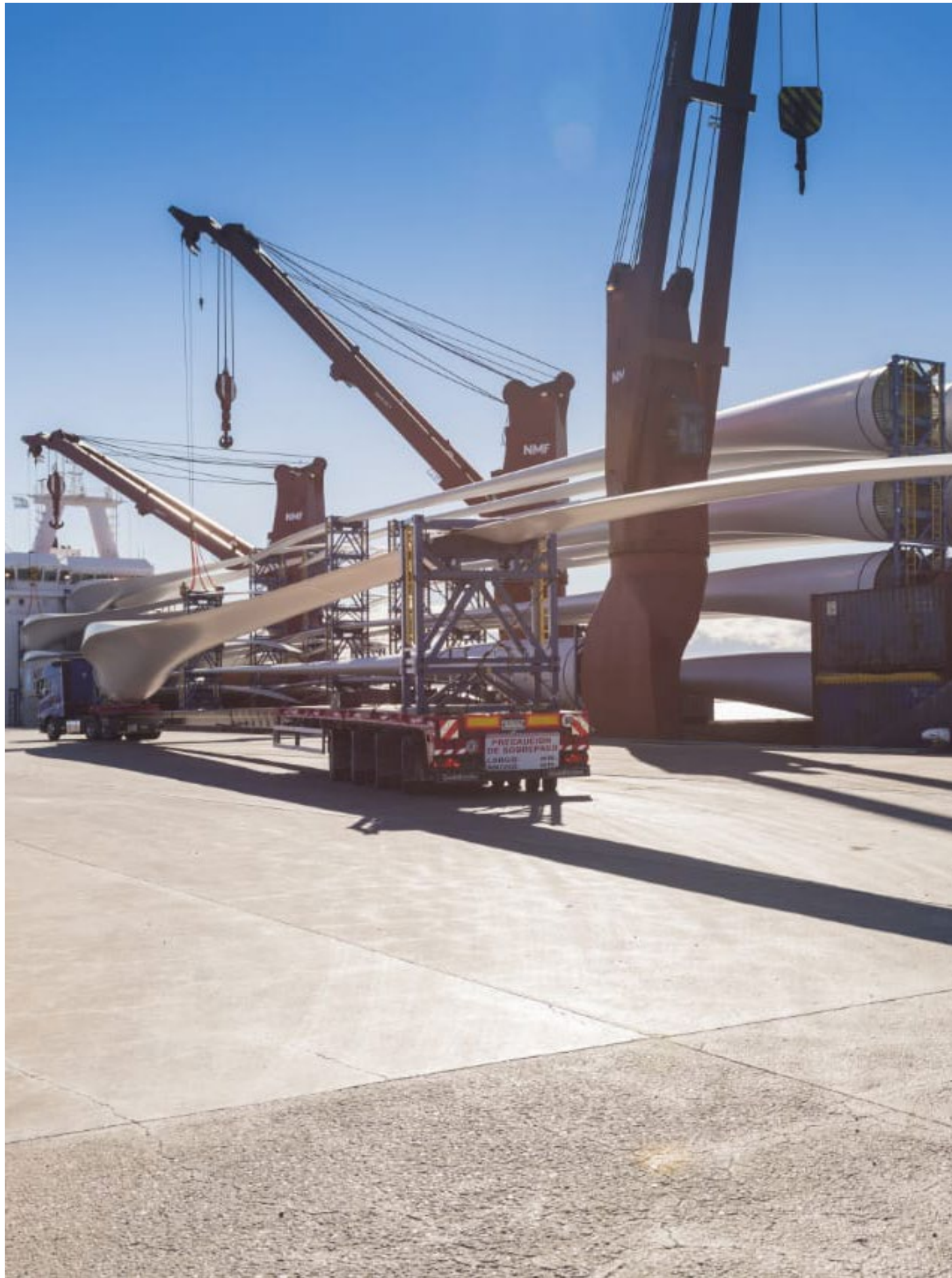
COMPREHENSIVE ACCESSORIES




Gooseneck	Bogie
<ul style="list-style-type: none"> + Fifth wheel load 57,300 lbs [26 t] + Swing clearance radius 9' 2" [2,800 mm] 	<ul style="list-style-type: none"> + Single to triple telescopic + Number of axles 3-4 + Axle compensation: SPZ-L SPZ-GL: 8" [200 mm]



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



SPZ-FAMILY TECHNICAL DATA

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



SPZ-L | SPZ-GL


YOUR BENEFITS

- ✓ High ground clearance under the rotor blade
- » Easy handling of obstacles on the route

- ✓ Low overall weight and less fuel consumption
- » Reduced overall transport costs

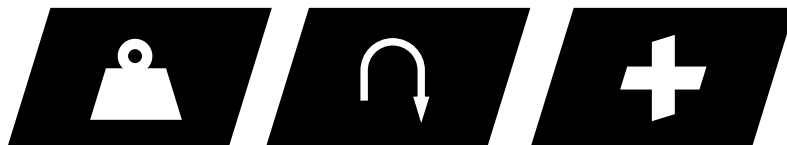
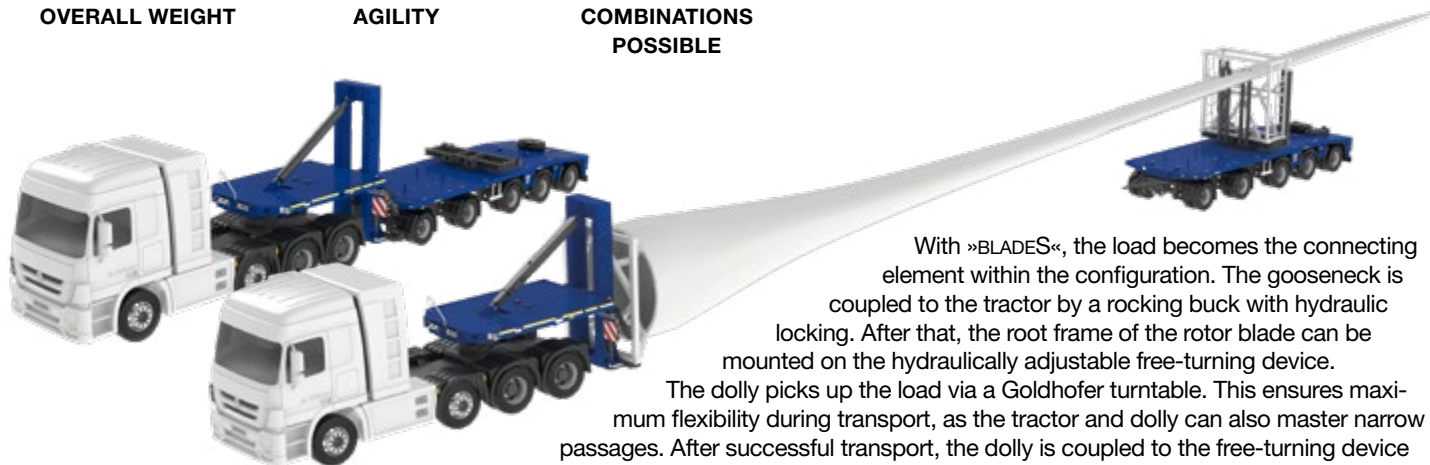
- ✓ Transports with rotor blades over 230' possible
- » Flexible, future-proof transport solution


TECHNICAL FEATURES

+ Dead weight	10,000 lbs
	<small>[4.6 t]</small>
+ Dead weight root frame adaptor	660-1,100 lbs
	<small>[0.31-0.5 t]</small>
+ Capacity	55,000 lbs
	<small>[25 t]</small>
+ Swing clearance radius	9' 2" [2,800 mm] [1]
	11' 2" [3,400 mm] [2]
+ Hydraulic stroke	4' 5" [1,350 mm] [1]
	5' 5" [1,650 mm] [2]

»BLADES«

LIGHTWEIGHT, FLEXIBLE AND ECONOMICAL


LOW OVERALL WEIGHT
HIGH AGILITY
MULTIPLE COMBINATIONS POSSIBLE


With »BLADES«, the load becomes the connecting element within the configuration. The gooseneck is coupled to the tractor by a rocking buck with hydraulic locking. After that, the root frame of the rotor blade can be mounted on the hydraulically adjustable free-turning device.

The dolly picks up the load via a Goldhofer turntable. This ensures maximum flexibility during transport, as the tractor and dolly can also master narrow passages. After successful transport, the dolly is coupled to the free-turning device with an adapter and can travel as a semi-trailer to the next operation.


TECHNICAL DATA (DOLLY)

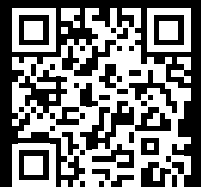
	SN-L 3	SN-L 4	SN-L 5
Axle load	26,000 lbs at 50 mph <small>[12 t at 80 km/h]</small>	26,000 lbs at 50 mph <small>[12 t at 80 km/h]</small>	26,000 lbs at 50 mph <small>[12 t at 80 km/h]</small>
Axle stroke	7" [190 mm]	7" [190 mm]	7" [190 mm]
Tires	Twin tires 245/75 R 17.5 Twin tires 285/70 R 19.5	Twin tires 245/70 R 17.5 Twin tires 285/70 R 19.5	Twin tires 245/70 R 17.5 Twin tires 285/70 R 19.5
Dead weight	15,000 lbs ^[7 t]	18,000 lbs ^[8 t]	22,000 lbs ^[10 t]
Vehicle width	8' 4" [2,550 mm]	8' 4" [2,550 mm]	8' 4" [2,550 mm]
Max. steering angle	± 50°	± 50°	± 50°



02/2023-EN We reserve the right to make design alterations and changes in the sense of technical progress and on the basis of statutory regulations. Technical data in loaded vehicle condition.

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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