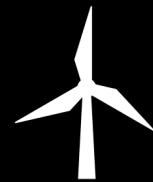




WIND POWER PLANT COMPONENTS

TRANSPORT SOLUTIONS FROM GOLDHOFER



MADE FOR YOUR MISSION

TRANSPORT SOLUTIONS FOR ALL COMPONENTS

ROTOR BLADES

03

The blades of wind turbines are often not only extremely long but also extremely sensitive. For narrow mountain roads, urban journeys or wooded sections, Goldhofer has developed extremely flexible transport systems that can cope with even the most difficult types of passages.

HUBS, NACELLES, GENERATORS, TRANSFORMERS

06

For high-quality components with sensitive technology, various vehicle types such as our variable lowloader trailers and heavy-duty module combinations are utilized. You have to be able to completely trust your equipment in order to transport these components safely. With Goldhofer, you are on the safe side in every situation.

TOWER SEGMENTS

08

Due to their enormous measurements, these components represent demanding transport goods for which, in addition to self-propelled vehicles for internal journeys, lowloader trailers or heavy-duty module combinations are the first choice for road transport in order to keep the overall height as low as possible.

COMBINATION SYSTEMS FOR FLEXIBLE USE

10

Our true multi-talents can also be used away from demanding transport tasks in the wind energy industry: With the flexible heavy-duty module combination systems, you are able to get every load safely to its destination, giving you the decisive competitive advantage as an all-round provider.

ROTOR BLADES



TOO LONG DOES NOT EXIST FLATBED SEMI-TRAILERS



SPZ-L | SPZ-H | SPZ-GL

PREPARED FOR EVERYTHING

Loading platform lengths of over 55 m mean that you are adequately prepared for every assignment. Optionally available with hydraulic axle compensation, our flatbed semi-trailer with air suspension is designed for transporting longer loads – and, if it gets tight, impress with its excellent maneuverability.



»VENTUM«

WELL OVER 70 METERS? NO PROBLEM HERE!

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 70 m, they are well prepared for the future.



HYPERLINK

Find our product brochures here:

[SPZ-L | SPZ-H](#)
[SPZ-GL](#)

[SPZ-GP](#)

[SPZ-GP »VENTUM«](#)



SPZ-GP

FOR EXTREME APPLICATIONS

When longer loads have to go offroad, a conventional flatbed semi-trailer is often out of its depth – not the case with our pendular axle vehicles. With an axle stroke of 600 mm and a steering angle of 60°, even the narrowest passages and difficult obstacles are no longer a challenge.



TECHNICAL DATA

	SPZ-L SPZ-H SPZ-GL	SPZ-GP	SPZ-GP »VENTUM«
Axle load <i>(depending on country-related regulations (technical))</i>	10 t at 80 km/h 12 t at 80 km/h	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	20-32 t	26 t	33.5 t
Loading height	1,280-1,680 mm	1,180 mm	1,240 mm
Axle stroke	200 mm/270 mm	600 mm	600 mm
Tires	245/70 R 17.5 ^[1]	245/70 R 17.5	245/70 R 17.5
Vehicle width	2,480 mm/2,550 mm	2,550 mm	2,750 mm
Swing clearance radius	2,400 mm/2,800 mm	2,400 mm/2,800 mm	3,400 mm
Extendability	1-fold to 3-fold	3-fold	5-fold
Number of axles	2-7	3	3-4

^[1] Optional tires: 295/60 R 22.5 | 385/65 R 22.5 | 425/65 R 22.5 04

TRANSPORTING ROTOR BLADES SAFELY



FTV 550

SAFE AND TRIED AND TESTED HUNDREDS OF TIMES

Goldhofer's FTV 550 takes the progressive development of wind turbines into account. The FTV 550 is able to accommodate even the largest rotor blades. The ingenious FTV 550 has already proven itself hundreds of times in practical situations for the transport of the latest rotor blade generations and easily masters them.



»BLADES«

THE ECONOMICAL SOLUTION

The »BLADES« is an economical system approach, in which the rotor blade itself has a structural function within the configuration. Thus to the lower overall weight thanks to material savings, reduced fuel consumption and – compared with current blade hauler solutions – a smaller capital outlay, »BLADES« is a safe and reliable transport solution.



HYPERLINK

Find our product brochures here:

[FTV 550](#)

[»BLADES«](#)



TECHNICAL DATA

FTV 550

Dead weight	15.7 t
Ballast weight	18 t
Load moment	550 mt
Erection angle	60°
Pitch angle	Limitless



TECHNICAL DATA

»BLADES«

Dead weight	4.6 t
Capacity	25 t
Swing clearance radius	2,800 mm ^[1] 3,400 mm ^[2]
Hydraulic stroke	1,350 mm ^[1] 1,650 mm ^[2]
Accessories	Specifically designed root frame adaptor, dead weight 0.3 t - 0.5 t Free-turning decive mounted on trailing dolly
Additional equipment	Friction-steered 4- or 5-axle trailer 4-axle THP heavy-duty module

HUBS, NACELLES, GENERATORS, TRANSFORMERS



THE PERFECT SOLUTION FOR COMPACT LOADS



FLEXIBLE AND ROBUST

Flexibility is the fundamental requirement when using lowloader trailers in order to be able to transport a wide variety of loads with just one single vehicle. We always take this requirement into account with our forced-steered lowloader trailers, which can be ideally adapted to the respective requirements with various bridge designs and axle systems.



HEROES ON AND OFF THE STREET

Our STZ-VP lowloader trailers are real heroes when robustness, enormous steering angle and high axle compensation are required. Demanding transport routes with changing terrain and narrowest passages are no longer a challenge with the STZ-VP.



HYPERLINK

Find our product brochures here:

[STZ-VL | STZ-VH »MPA« V](#)

[STZ-VP \(245\) STZ-VP \(285\)](#)



TECHNICAL DATA

	STZ-VL	STZ-VH	»MPA« V
Axle load <i>(depending on country-related regulations (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	10-12 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 recess*	760 mm/960 mm	760 mm/960 mm	604 mm/804 mm
Number of axles	2-4	2-4	2-4



TECHNICAL DATA

	STZ-VP (245)	STZ-VP (285)
Axle load <i>(depending on country-related regulations (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
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 recess*	680 mm/880 mm	910 mm/1,060 mm
Number of axles	Front chassis 1-3 Rear chassis 2-5	Front chassis 2-4 Rear chassis 3-6

*depending on width

TOWER SEGMENTS



SUITABLE FOR EVERY SEGMENT



RA 2 | RA 3 | RA 4

MAXIMUM EFFICIENCY

The dimensions of tower segments are often quite different depending on the manufacturer. Our tower adapters enable you to be prepared for any application as all common tower segments can be integrated without any problems.



HYPERLINK

Find our product brochures here:

[RA 2](#) | [RA 3](#) | [RA 4](#)



TECHNICAL DATA

	RA 2	RA 3	RA 4
Maximum payload <i>(depending on combination)</i>	2x50 t	2x50 t	2x90 t
Internal flange <i>(diameter)</i>	1,850-5,170 mm, optional 6,330 mm	2,400-5,400 mm	3,000-5,900 mm
External flange <i>(diameter)</i>	1,620-4,910 mm optional 5,850 mm	2,260-5,300 mm	2,820-5,550 mm
Swing clearance radius	3,500 mm/4,200 mm/ 5,000 mm/6,500 mm	4,200 mm/4,900 mm/ 5,700 mm/6,500 mm	7,500 mm/8,600 mm

COMBINATION SYSTEMS



ECONOMICAL SOLUTIONS REQUIRE HIGHEST FLEXIBILITY



THP/SL FAMILY

HEAVY-DUTY HAULAGE HAS A NAME

Loads of several thousand tons? No problem with the heavy-duty modules from the THP/SL family. The THP/SL family has proven itself to be unbeatable in use due to its almost unlimited combination possibilities and the optimum ratio of payload to axle load.



»ADDRIE« | PST/SL

TOO LONG, TOO WIDE, TOO HEAVY? NO WAY!

When the heaviest loads require maximum power, our mechanically steered self-propelled vehicles always provide the ideal solution. With enormous tractive force, inclines are easy to overcome and flexibility in use is ensured by the ability to combine with other Goldhofer heavy-duty modules.



HYPERLINK

Find our product brochures here:

[THP/SL-L | THP/SL-S | THP/SL](#)

[»ADDRIE« PST/SL](#)



TECHNICAL DATA

	THP/SL-S	THP/SL-L	THP/SL THP/SL (1800)
Tires	Single tires 245/70 R 17.5 ^[1] 285/70 R 19.5 ^[2]	Twin tires 215/75 R 17.5	Twin tires 215/75 R 17.5
Axle load	15.6 t at 20 km/h ^[1] 23 t at 10 km/h ^[2]	26.1 t at 20 km/h	45 t at 1 km/h
Axle stroke	600 mm	600 mm	600 mm
Dead weight (4 axles)	9.6 t ^[1] 10.2 t ^[2]	11.1 t	13.85 t (THP/SL) 16.1 t (THP/SL (1800))
Vehicle width	3,000 mm	3,000 mm	3,000 mm
Axle spacing	1,500 mm	1,500 mm	1,500 mm 1,800 mm
Maximum steering angle	± 55°	± 55°	± 55°
Number of axles	2-6, 8	2-6, 8	2-6, 8

^[1] Tires 245/70 R 17.5 ^[2] Tires 285/70 R 17.5



TECHNICAL DATA

	»ADDRIE«	PST/SL
Tires	Dual tires 215/75 R 17.5	Dual tires 215/75 R 17.5
Axle load	36 t at 5 km/h	45 t at 1 km/h
Axle stroke	600 mm	600 mm
Dead weight (4 axles)	15.3 t	15.1 t
Tractive force (per driven axle line)	125 kN	200 kN
Vehicle width	3,000 mm	3,000 mm
Axle spacing	1,500 mm	1,500 mm
Maximum steering angle	± 55°	± 55°
Number of axles	4, 6	4-6, 8

ECONOMICAL SOLUTIONS REQUIRE HIGHEST FLEXIBILITY



PST/SL-E | PST/ES-E

STABLE PERFORMANCE

The largest and heaviest loads must often pass through extreme bottlenecks or be positioned with precision at their destination. You can put your trust in our precision artists and always have a clear conscience because you can utilize them to get every load to its destination precisely and safely.



HYPERLINK

Find our product brochures here: [PST/SL-E](#)
[PST/ES-E](#)



TECHNICAL DATA

	PST/SL-E	PST/ES-E
Tires	Dual tires 215/75 R 17.5	Single tire 285/70 R 19.5 ^[1] 315/60 R 22.5 ^[2] 385/55 R 22.5 ^[3]
Axle load	45 t at 1 km/h	40 t at 0.4 km/h ^[1] 45 t at 1 km/h ^[2] 60 t at 1 km/h ^[3]
Axle stroke	600 mm	650 mm ^[1] 700 mm ^{[2],[3]}
Dead weight (4 axles)	17.8 t	16.6 t ^[1] 16.9 t ^[2] 20.6 t ^[3]
Tractive force (per driven axle line)	180 kN	162 kN ^[1] 153 kN ^[2] 160 kN ^[3]
Vehicle width	3,000 mm	2,430 mm, width extendable up to 2,730 mm ^[1] 2,430 mm ^[2] 2,430 mm ^[3]
Axle spacing	1,500 mm	1,400 mm ^[1] 1,400 mm ^[2] 1,600 mm ^[3]
Electronic multiway steering	± 135°	± 135°
Number of axles	4,6,8	3,4,6,8

^[1] Tires 285/70 R 19.5 ^[2] Tires 315/60 R 22.5 ^[3] Tires 385/55 R 22.5

Goldhofer

**WOULD YOU LIKE TO KNOW MORE?
THIS IS HOW YOU CAN REACH US!**



FIND YOUR CONTACT PERSON
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