



»ADDRIVE«
PST/SL

HEAVY-DUTY MODULES (SELF-PROPELLED) 





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

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

EFFICIENCY MONSTER

The »ADDRIVE« is an intelligent solution which combines the advantages of a towed heavy-duty module with those of a self-propelled transporter while also fulfilling the highest requirements in terms of variable application options, traction force, speed, availability and cost-effectiveness. With »ADDRIVE«, transloading the freight from a road transport vehicle to an off-road vehicle is no longer necessary. All in all, this simply means more efficiency and optimum flexibility for your vehicle fleet.



GETS GOING WHEN THE GOING GETS TOUGH

More performance with the mechanically steered PST/SL: Due to its enormous traction force, even the heaviest loads are light work to move. With the optional »SPEEDRIVE«, you gain even more versatility – because the PST/SL, like the »ADDRIVE«, can be utilized as a towed heavy-duty module for higher transport speeds.



WITH MORE POWER IN ACTION

Extreme applications require strong transport solutions: You can be ideally prepared for all your challenges with our mechanically steered self-propelled vehicles.

SWING ARM FOR THE "LYING EIFFEL TOWER"

A parallel combination of 10 axles, consisting of PST/SL and THP heavy-duty modules, transports a swing arm with a total weight of 340 t as a spare part for the F60 conveyor bridge, the so-called "horizontal Eiffel Tower" in the Nochten open-cast mine in Germany.

MORE ABOUT
THE TYPE
PST/SL

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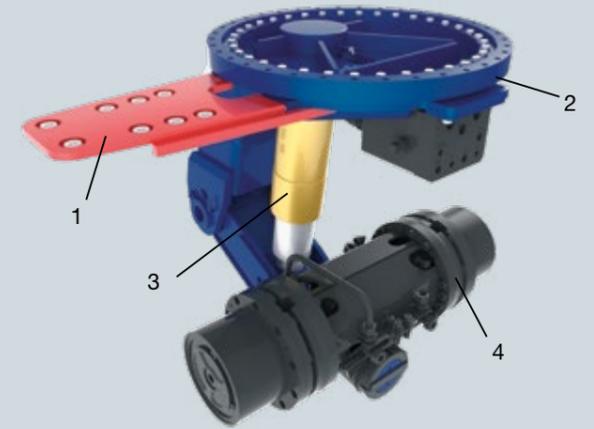


GOLDHOFER DRIVEN PENDULAR AXLE WITH BALL BEARING RACE RING

The driven Goldhofer pendular axle installed in the PST/SL relies on components from premium manufacturers and enables axle loads of up to 45 t per axle line. With a pulling force of up to 200 kN, this axle is a strong companion in tough everyday transport situations.

The innovative »ADDRIVE« pendular axle is the perfect solution for maximum flexibility: Depending on the speed at which it is utilized, it can be driven or used as a trailer to ensure the best possible utilization of the equipment. With a tractive pulling force of over 250 kN and axle loads of up to 36 t, it is also extremely powerful.

- 1 - Steering lever for the mechanical steering system
- 2 - Slew ring bearing ring bearing
- 3 - Hydraulic cylinder
- 4 - Axle with drive unit



Axle unit PST/SL



POWERFUL AND ENDURING

The mechanically steered self-propelled vehicles are in their element when the end of the transport route requires reloading. The »ADDRIVE« and the »SPEEDRIVE« variant of the PST/SL enable unparalleled economic mobilization.



- YOUR BENEFITS**
- ✓ Highest-possible traction force per driven, axle line
 - » Maximum incline capability in the complete vehicle combination
 - ✓ Mechanical drive system can be disengaged 100%
 - » Almost no wear in towed mode and without generating heat
 - ✓ Multiple-combination coupling
 - » Can be combined with various heavy-duty module systems from Goldhofer

TECHNICAL FEATURES

+ Twin tires	215/75 R 17,5
+ Axle load	36 t at 5 km/h
+ Dead weight (4-axes)	15.3 t
+ Traction force (per driven axle line)	125 kN
+ Vehicle width	3,000 mm
+ Maximum steering angle	± 55°

»ADDRIVE« EFFICIENCY MONSTER



FLEXIBILITY IN ACTION

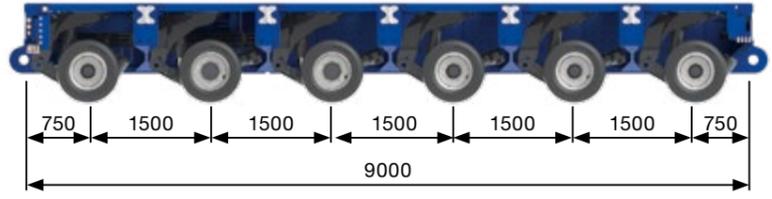
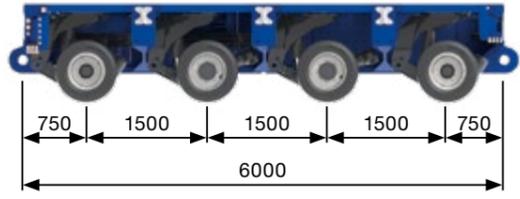
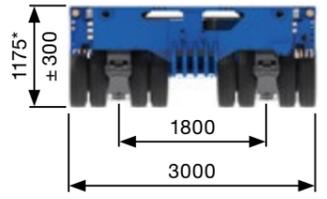
TRACTOR UNIT SUPPORT

DISENGAGING OF THE AXLES

THE NEW »ADDRIVE« 2.0 EVEN MORE PERFORMANCE

Even more performance than its predecessor: »ADDRIVE« 2.0 supports the traction unit up to a maximum speed of 50 km/h, the driven axle is then automatically disengaged. This therefore makes it possible to engage while driving. Additional driven axle lines are available for more traction force and even more power in action.

+ Twin tires 215/75 R 17,5
+ Axle load 36 t at 5 km/h
+ Dead weight (4-axes) 15.3 t





YOUR BENEFITS

- ✓ Extremely high traction force per driven axle line
- » Maximum incline capability less drive axles are required for the same incline
- ✓ User-friendly operation concept
- » Fast and simple in operation
- ✓ Combinable with other towed and self-propelled heavy-duty modules
- » More flexible fleet management

TECHNICAL FEATURES

- + Twin tires
 - + Axle load
 - + Dead weight (4-axles)
 - + Traction force (per driven axle line)
 - + Maximum steering angle
 - + Vehicle width
- | |
|----------------|
| 215/75 R 17,5 |
| 45 t at 1 km/h |
| 15.3 t |
| 200 kN |
| ± 55° |
| 3,000 mm |

PST/SL IT GETS GOING WHEN THE GOING GETS TOUGH



HIGH BENDING TORQUE



DIVERSABLE POSSIBLE COMBINATIONS

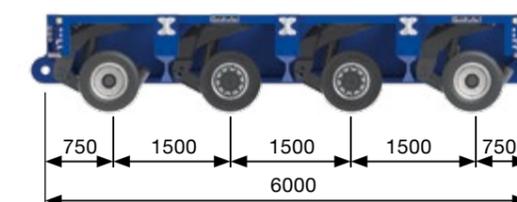
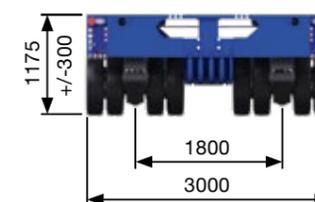


DISENGAGING OF THE AXLES



EXTREME FLEXIBILITY – UNLIMITED POSSIBILITIES

Due to the possibility of combination with other heavy-duty modules, enormous axle combinations can be implemented.





NEW OPTIONAL: »SPEEDRIVE«

The PST/SL heavy-duty modules can be supplied with switchable driven axles for even more profitability when in action. This therefore means that it can be utilized as a towed module with higher speeds of up to 80 km/h (taking into account country-specific regulations). By activating the drive unit, the load can be positioned at its destination with millimeter's precision without traction unit and without time-consuming and costly reloading. In addition, the »SPEEDRIVE« option enables you to tow the vehicle to the job site on its own axles.

»ADDRIVE« | PST/SL ACCESSORIES AND OPTIONS



**GENERAL
ACCESSORIES**



+ Radio remote



+ Cable remote



+ Emergency cable remote



+ Radio remote
for »ADDRIVE«



**PST
POWERPACKS**



+ 155 kW/210 PS, Width 2,400 mm,
Deutz (TIER 3)



+ 207 kW/280 PS, Width 2,400 mm,
Cummins (TIER 4 FINAL)



+ 360 kW/490 PS, Width 2,400 mm/
3,000 mm, Deutz (TIER 3)



+ 390 kW/530 PS, Width 3,000 mm,
Deutz (TIER 4 FINAL)

**»ADDRIVE«
POWERPACKS**



+ 190 kW/260 PS, width 3,000 mm,
Cummins (TIER 3)

+ 207 kW/280 PS, Width 3,000 mm,
Cummins (TIER 4 FINAL)



+ 390 kW/530 PS, Width 3,000 mm,
Cummins (TIER 4 FINAL)

»ADDRIVE« | PST/SL

TECHNICAL DATA



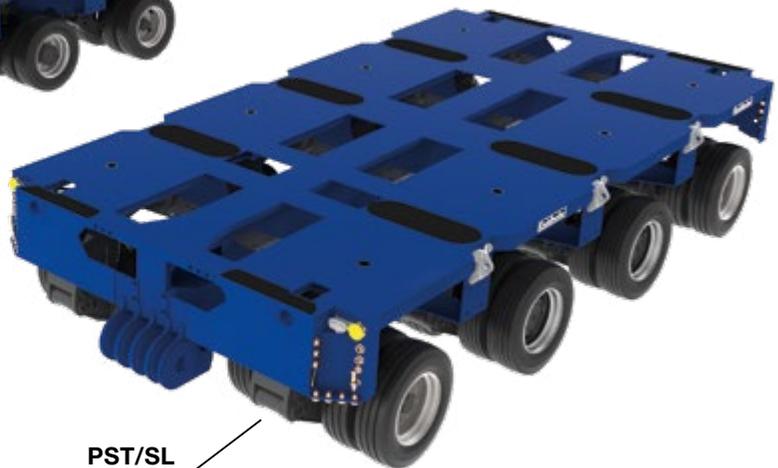
TECHNICAL DATA

	»ADDRIVE«	PST/SL
Tires	Twin tires 215/75 R 17,5	Twin tires 215/75 R 17,5
Axle load	36 t at 5 km/h	45 t at 1 km/h
Axle compensation	600 mm	600 mm
Dead weight (4-axles)	15.3 t	15.3 t
Traction force <i>(per driven axle line)</i>	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

»ADDRIVE«



PST/SL



GOLDHOFER AKTIENGESELLSCHAFT

Donaustrasse 95, 87700 Memmingen/Germany
 Telephone: +49 8331 15-0, Fax: +49 8331 15-239
 Web: www.goldhofer.com, E-Mail: info@goldhofer.com

GOLDHOFER INC. | FLITELINE, LLC

7401 Riviera Boulevard, Miramar, FL 33023, USA
 Telephone: +1 954 433 5617, Fax: +1 954 433 5445
 Web: www.goldhofer.com, E-Mail: info@goldhofer.com
 Web: www.flitelineusa.com, E-Mail: info@flitelineusa.com

SALES

Telephone Sales Europe: +49 8331 15-341
 Telephone Sales International: +49 8331 15-342
 E-Mail: sales-transporttechnology@goldhofer.com

SERVICES AND SPARE PARTS

Telephone: +49 8331 15-400, Fax: +49 8331 15-247
 Emergency Hotline: +49 172 837 61 65
 E-Mail: service-transporttechnology@goldhofer.com

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