



THP/ET | THP/UT | THP/MT

HEAVY-DUTY MODULES (TOWED)



MADE FOR YOUR MISSION

CHALLENGING EVERY MILLIMETER COUNTS

Our heavy-duty modules with pivot-mounted pendular axles display their strengths particularly in road transportation: When every millimeter counts and high point loads act on the frame.

OPTIMAL FOR LONGER ROUTES

06

Our THP/ET heavy-duty modules are the ideal solution for challenging routes.

The THP/ET effortlessly copes with long transport routes with the narrowest passages, which place the greatest strain on the vehicle – and with an alternative basic width, it is also ideally equipped for the most extreme cases.



LOWER IS NOT POSSIBLE

08

When the lowest loading height is required for the highest demands, the THP/UT is there for the job. This makes the transport of particularly high loads simply child's play. Due to the wide range of accessories which are available, the THP/UT can be ideally adapted to the conditions of the transport route.



FOR CONCENTRATED LOADS

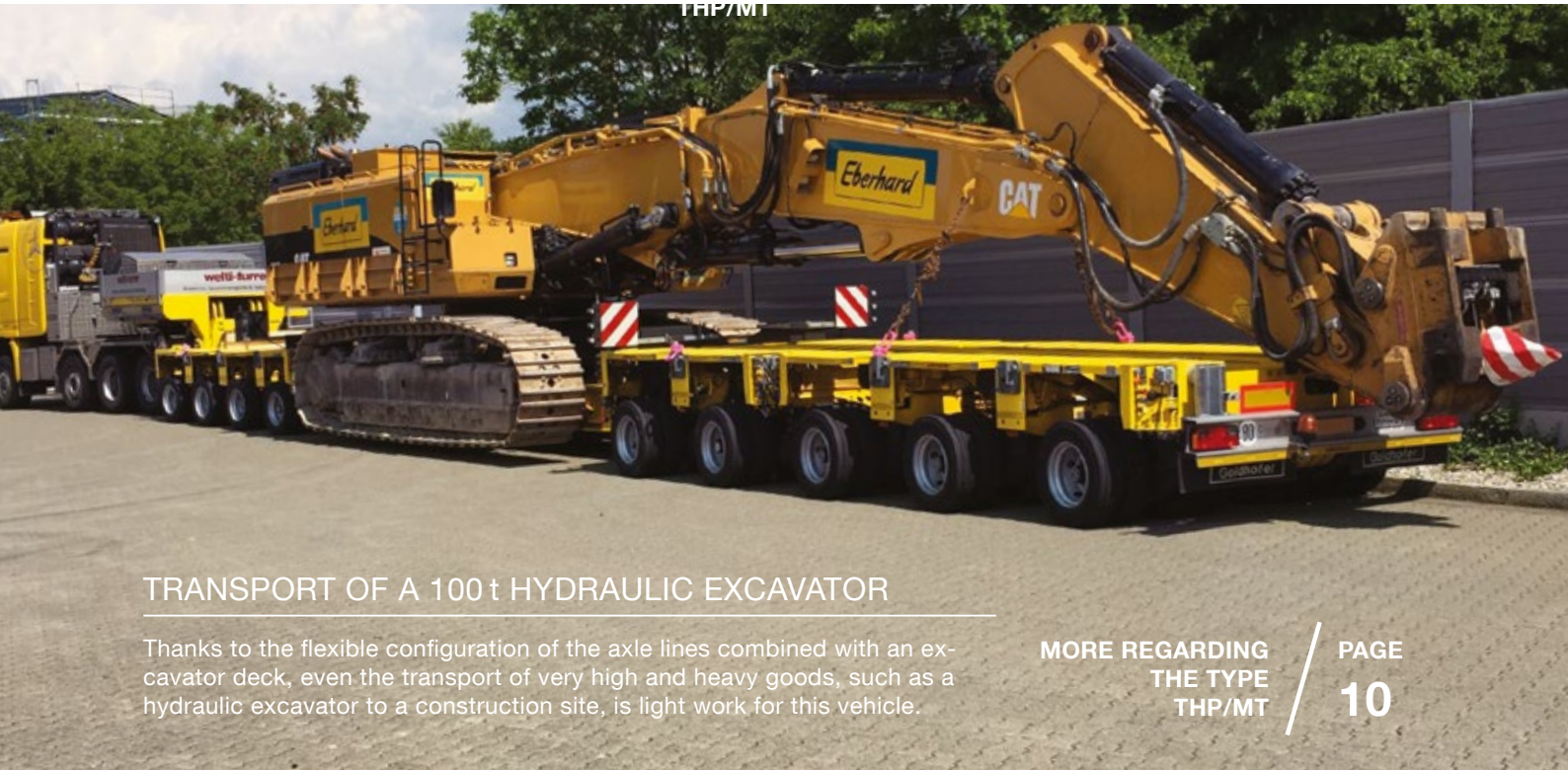
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The THP/MT heavy-duty modules are basically unbeatable in combination with loading bridges. The extremely robust frame provides a high bending torque and is therefore ideal when the load is concentrated or is particularly high.



EVERY CHALLENGE MANAGED SIMPLY

Our heavy-duty modules with pivot-mounted pendular axles are real workhorses. Even under the most challenging route conditions, our vehicles will never let you down.



TRANSPORT OF A 100 t HYDRAULIC EXCAVATOR

Thanks to the flexible configuration of the axle lines combined with an excavator deck, even the transport of very high and heavy goods, such as a hydraulic excavator to a construction site, is light work for this vehicle.

MORE REGARDING
THE TYPE
THP/MT

PAGE
10

HIGHEST- POSSIBLE MANEUVERABILITY

When things get tight, you can always rely on our vehicles: Any narrow passage seems to get wider due to our tried and tested steering system with a maximum steering angle of 60°. And if that is not convincing enough, the alternative basic widths can help you achieve the last millimeter.





LOW LOADING HEIGHT

When every millimeter counts: The loading height is often a major factor for street transportation. This is where our heavy-duty modules with pivot-mounted pendular axles come into their own: Compared to other heavy-duty modules in its class, the loading height is more than 50 mm lower.



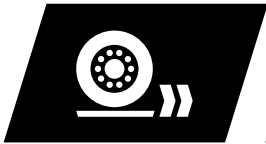
HIGH POINT LOAD

Through the use of pivot-mounted pendular axles, even the highest point loads can act on the vehicle frame – without impairing the performance of our heavy-duty modules.

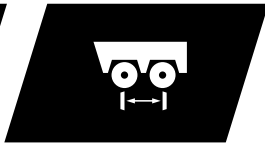


THP/ET

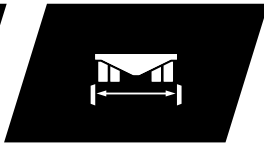
OPTIMAL FOR LONGER ROUTES



**MAXIMUM
OPERATING
PERFORMANCE
(KILOMETERS)**



**SMALLER AXLE
SPACINGS**



**DIFFERENT
VEHICLE WIDTHS**





YOUR BENEFITS

- ✓ Standard feature with 285/70 R 19.5 tires
- » High cross-country mobility
- ✓ 19.5 inch components
- » High performance and low-wear brakes
- ✓ Alternative basic width of 2,500 mm
- » For fulfilling guidelines regarding vehicle width



TECHNICAL FEATURES

- + Single tires 285/70 R 19,5
- + Axle load 23 t at 10 km/h
- + Dead weight (4-axles) 10.4 t
- + Vehicle width 2,500 mm/2,750 mm
- + Maximum steering angle ± 60°

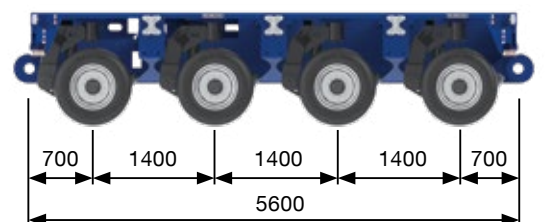
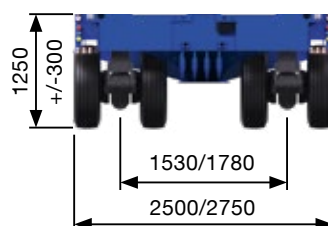


INTELLIGENTLY COMBINED

Transport of an industrial boiler with a combination comprising a THP/ET 8 (3+5) with gooseneck and boiler bridge.

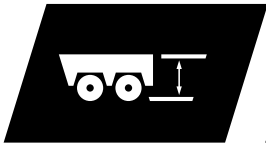


Pendular axle with pivot bearing





THP/UT YOU CANNOT GET ANY LOWER



EXTREMELY LOW
LOADING HEIGHT



DIFFERENT
VEHICLE WIDTHS



HIGH BENDING
TORQUE



Pendular axle with
pivot bearing



YOUR BENEFITS

- ✓ Extremely low loading height
- » For very high loads
- ✓ Alternative tires
- » Customized loading height
- ✓ Alternative basic width of 2,750 mm
- » Best maneuverability even in narrow passages



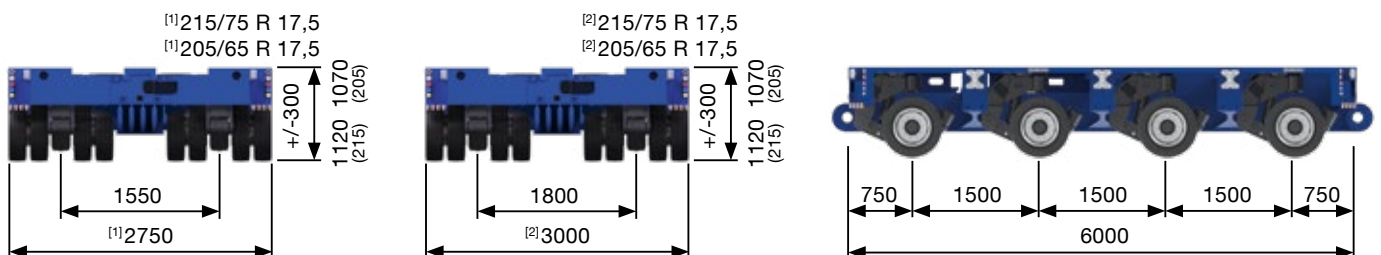
TECHNICAL FEATURES

- | | |
|---------------------------------------|-------------------------------|
| + Vehicle width ^[1] | 2,750 mm |
| + Twin tires ^[1] | 215/75 R 17,5 205/65 R 17,5 |
| + Axle load ^[1] | 25 t at 10 km/h |
| + Dead weight (4-axes) ^[1] | 10.9 t |
| <hr/> | |
| + Vehicle width ^[2] | 3,000 mm |
| + Twin tires ^[2] | 215/75 R 17,5 205/65 R 17,5 |
| + Axle load ^[2] | 25 t at 10 km/h |
| + Dead weight (4-axes) ^[2] | 11.2 t |
| <hr/> | |
| + Maximum steering angle | ± 60° |



TRIED AND TESTED AGAIN AND AGAIN

THP/UT heavy-duty modules effortlessly handle the transport of several tower segments for wind turbines weighing well over 100 t.



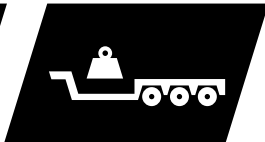


THP/MT

IDEAL FOR CONCENTRATED LOADS



**HIGH POINT
LOADING
CAPABILITY**



**HIGH BENDING
TORQUE**



**EASY
MAINTENANCE**





YOUR BENEFITS

- ✓ Vehicle frame with higher bending torque
- » High loading in lowloader

- ✓ Optimized combination of loading height and material use
- » Longer vehicle combination possible even with concentrated loads

- ✓ Combinable with other heavy-duty modules with pivot bearing
- » Selectable utilization of accessories (gooseneck, bridges etc.)



TECHNICAL FEATURES

- + Twin tires 215/75 R 17,5
- + Axle load 25 t at 20 km/h
- + Dead weight (4-axles) 11.5 t
- + Vehicle width 3,000 mm
- + Maximum steering angle ± 60°

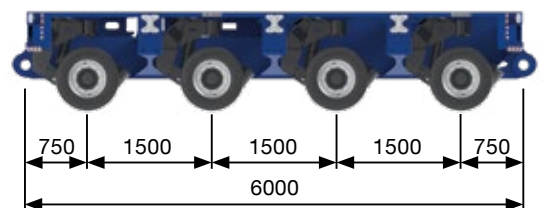
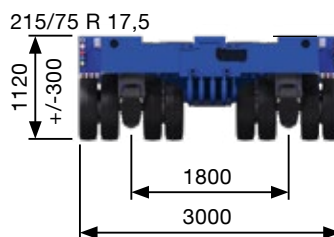


MISSION

The THP/MT displays its full efficiency in a 9-axle parallel combination.



Pendular axle with pivot bearing





UP AND AWAY

Even extremely high loads with an unfavorable center of gravity pose no challenge for our THP/MT heavy-duty modules.

THP/ET | THP/UT | THP/MT

ACCESSORIES AND OPTIONS



GENERAL ACCESSORIES	<ul style="list-style-type: none"> + Hydraulic power pack Hatz 10 kW/13.6 PS Kohler 17.9 kW/24.3 PS + Operation panel + Cable remote control + Radio remote control
TOWING EQUIPMENT	<ul style="list-style-type: none"> + Swivel arm for single widths + Center towing device for parallel combination (1+1/2) + Center towing device for parallel combination (1+1) + Drawbar 2 m, 3 m and 5 m
GOOSENECK	<ul style="list-style-type: none"> + Combination gooseneck 35 t + Universal gooseneck 35 t, 45 t and 52 t
TURNTABLE	<ul style="list-style-type: none"> + 100 t/200 t^[2] + 300 t/400 t^[2]
FLATBED DECK	<ul style="list-style-type: none"> + Construction height 250 mm/300 mm + Length 7,000-12,000 mm^[1] + With/without coupling point, overrideable/non-overrideable
VESSEL DECK	<ul style="list-style-type: none"> + Construction height 450 mm, 500 mm or 650 mm + Length 7,000-13,000 mm^[1] + Width 3,000-6,000 mm + Fixed or extendable
EXCAVATOR DECK	<ul style="list-style-type: none"> + Construction height 350 mm, 450 mm or 500 mm + Length 7,000-13,000 mm^[1] + Fixed or extendable
INTERMEDIATE DECK	<ul style="list-style-type: none"> + Length 3,000 mm-9,000 mm
TOWER ADAPTER	<ul style="list-style-type: none"> + RA 2 + RA 3 + RA 4

^[1] Special lengths from 3,000-15,000 mm on request

^[2] Capacity per turntable

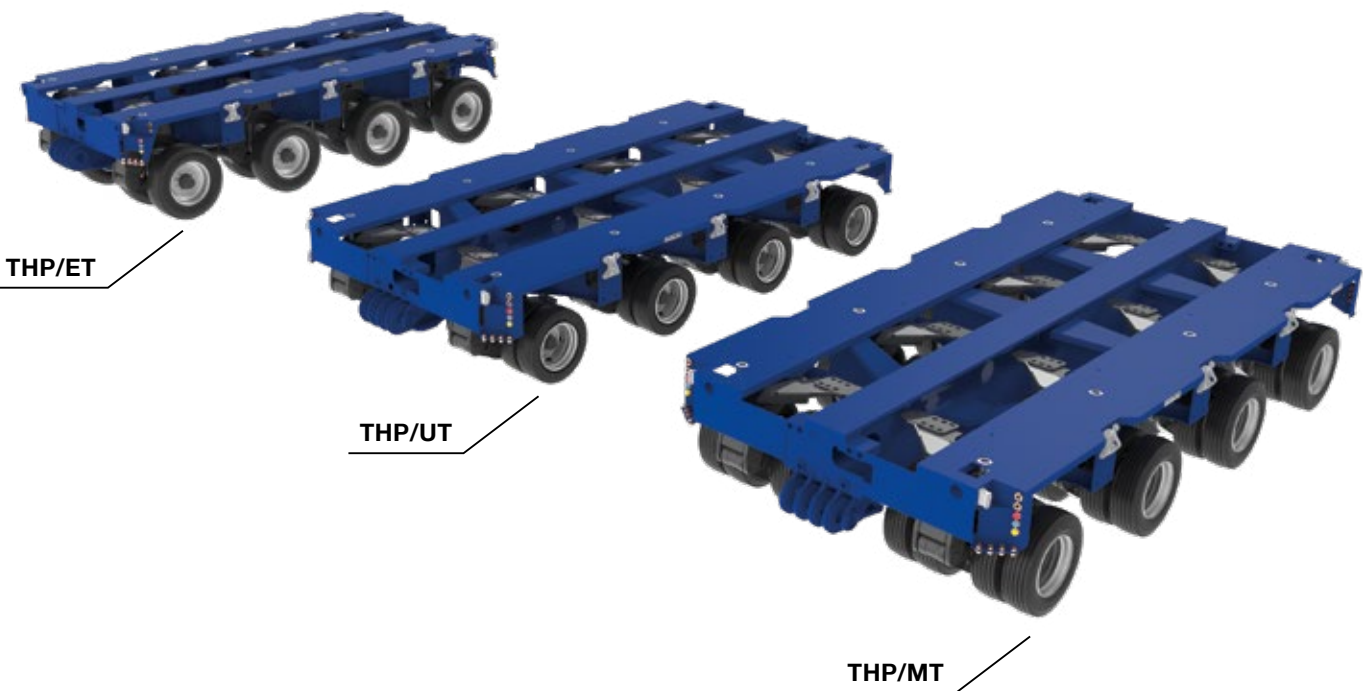
THP/ET | THP/UT | THP/MT TECHNICAL DATA



TECHNICAL DATA

	THP/ET	THP/UT	THP/MT
Tires	Single tires 285/70 R 19,5	Twin tires 205/65 R 17,5 ^[1] [2] 215/75 R 17,5 ^[1] [2]	Twin tires 215/75 R 17,5
Axle load	15.6 t at 20 km/h	25 t at 20 km/h ^[1] [2]	25 t at 20 km/h
Axle stroke	600 mm	600 mm	600 mm
Vehicle width	2,750 mm 2,500 mm	2,750 mm ^[1] 3,000 mm ^[2]	3,000 mm
Axle spacing	1,400 mm	1,500 mm	1,500 mm
Maximum steering angle	± 60°	± 60°	± 60°
Number of axles	2-6	2-6	2-6

^[1] 2,750 mm vehicle width ^[2] 3,000 mm vehicle width



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