



**WIND POWER EQUIPMENT**  
**ON-SHORE TRANSPORT SOLUTIONS**



**Wind blade**

Transport long distance  
and last mile

**Hub**

Transport on platform or in low-bed

**Nacelle**

Transport on platform or in  
low-bed

**Wind tower**

Transport between the  
bogies or on the platform

# 360° PROVIDER

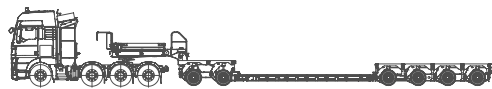
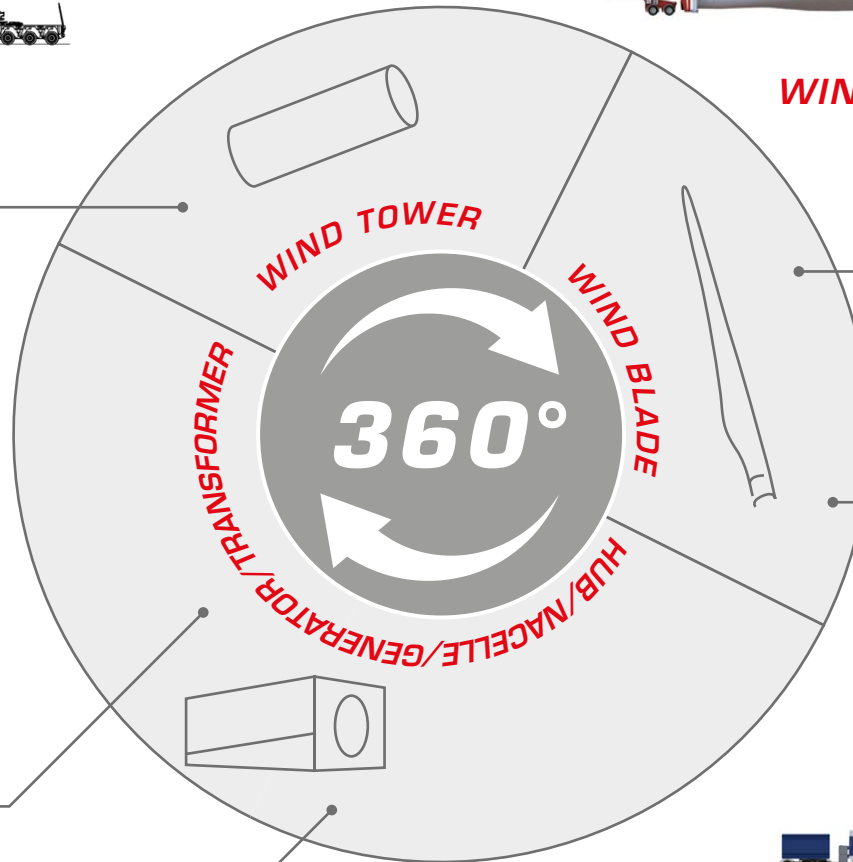
FOR TRANSPORT SOLUTIONS IN THE WIND ENERGY SECTOR



ULTRALIGHTCOMBI  
WITH WT40 / WT50

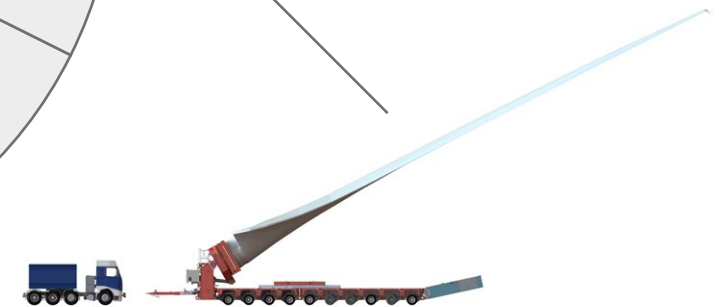


WIND BLADE TRANSPORT SYSTEM



EUROCOMPACT

ULTRALIGHTCOMBI



WIND BLADE ADAPTER G3

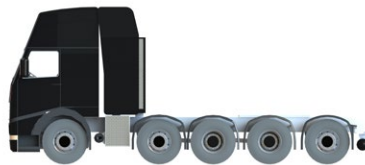
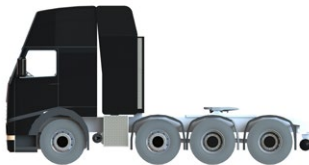
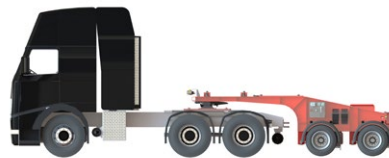
# WIND BLADE TRANSPORT SYSTEM

## COMBINATION OPTIONS

### TRANSPORT REQUIREMENT

- / Long-distance transport of wind turbine blades
- / Wind turbine blades with lengths of > 75 m
- / Wind turbine blades with dead weights of > 35 t
- / High ground clearance
- / Transport solution flexibility

### CHOOSE YOUR TRUCK



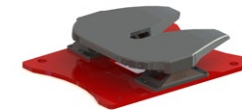
### DEFINE YOUR COMBINATION



cost efficient

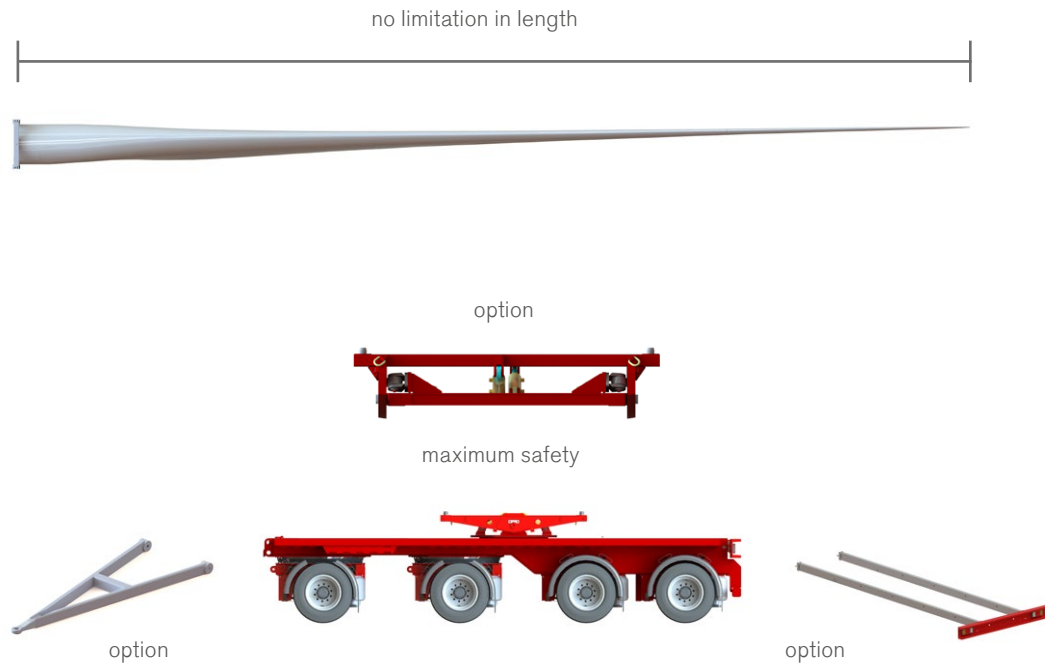


maximum comfort

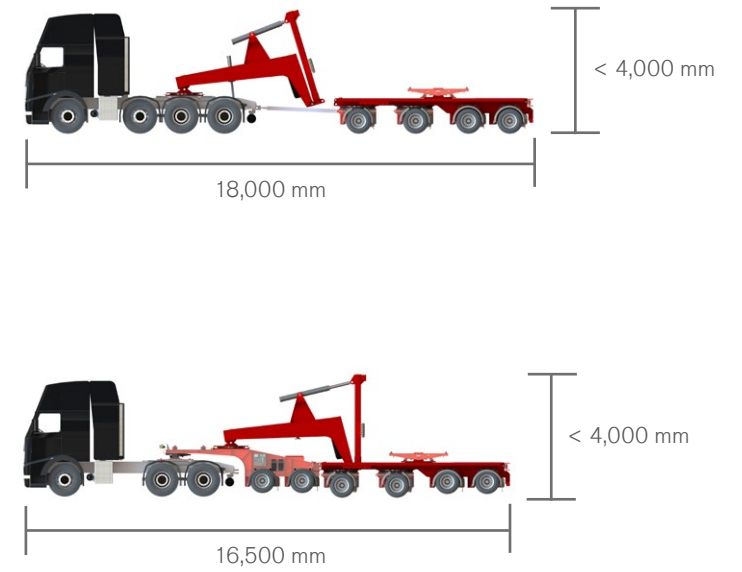


more flexible

## TRANSPORT YOUR BLADE

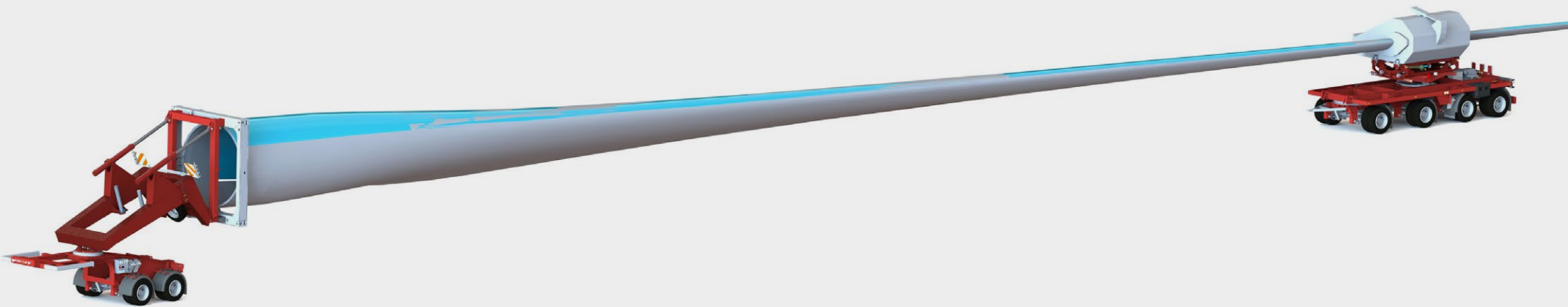
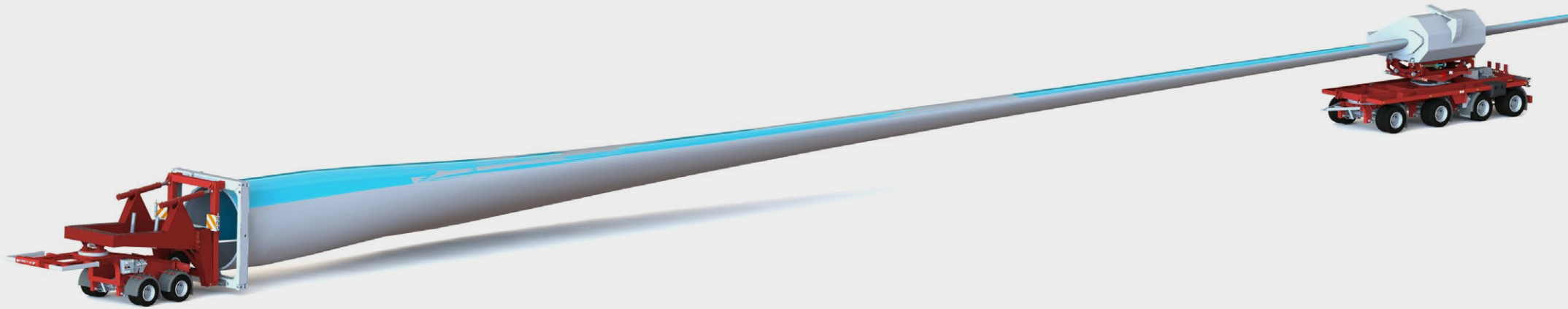


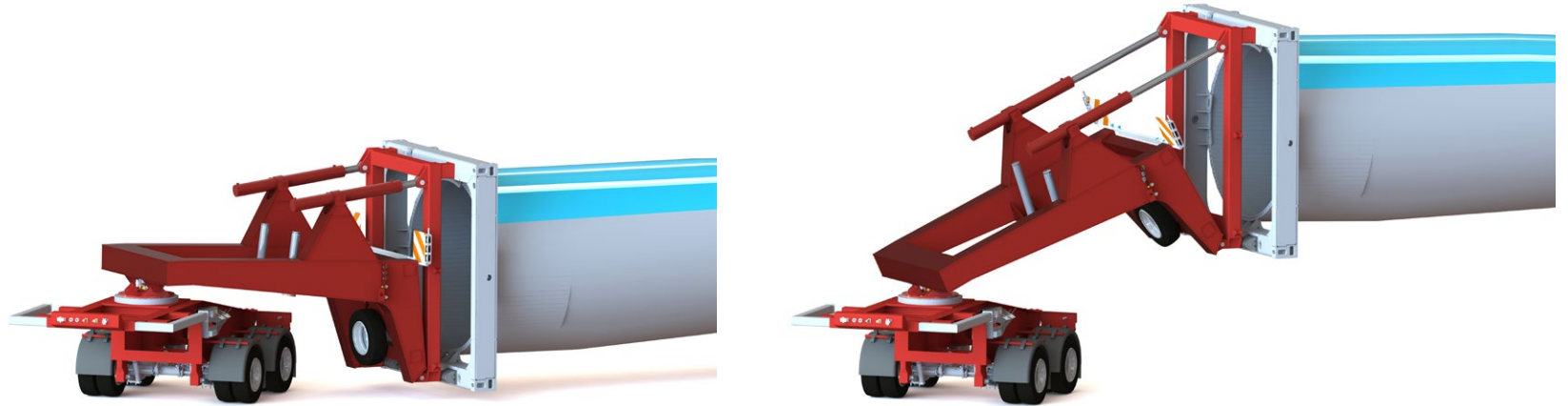
## COST EFFICIENT EMPTY RETURN



# WIND BLADE TRANSPORT SYSTEM

*FEATURES AND ADVANTAGES*

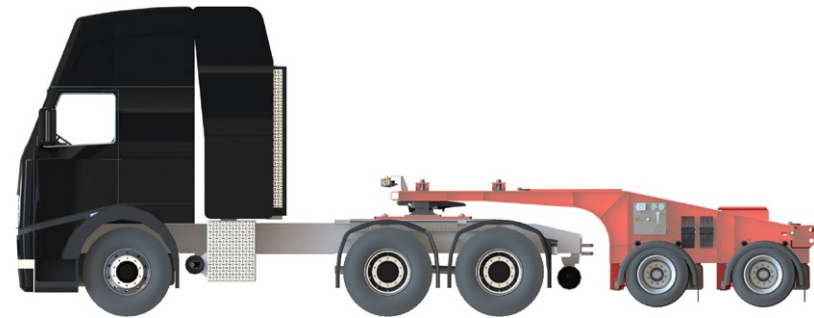




Integrated lifting device in free turning device (+ 2,000 / -200 mm). Thanks to the integrated lifting device, the root frame adapter can be picked up by the free turning device even on rough terrain (200 mm negative lift) without the help of a crane.



Sophisticated interface between the free turning device and root frame for centering (centre of the vehicle) the centre of gravity of the payload.



The free turning device can be mounted either directly on the fifth-wheel coupling (quick-coupling adapter) of the tractor or on the 2-axle Jeep dolly. Use of the Jeep dolly allows accommodating the increased payloads of the next generation of wind turbine blades. No special semi-trailer tractor units required. Through the Jeepdolly, the wind turbine blade transport system can be driven using single/standard 3-axle semi-trailer tractors.

# WIND BLADE TRANSPORT SYSTEM

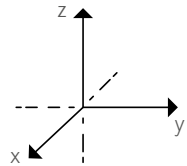
## FEATURES AND ADVANTAGES



Manoeuvrable 4-axle trailing unit with high level of stability.



Mounting for transporting (free of torsional moments) blades.

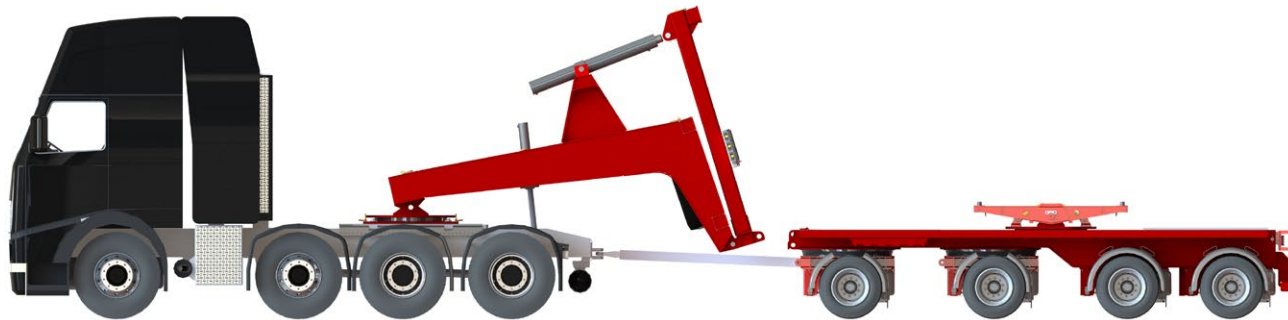
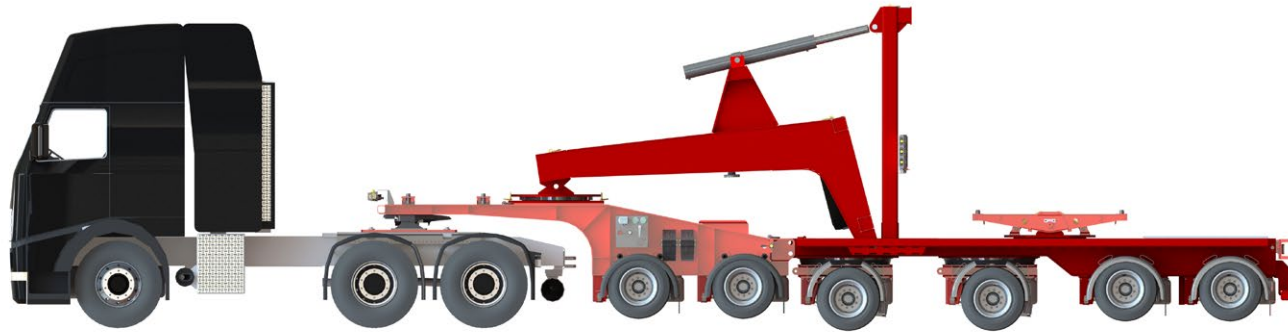


Adjustable bolster in all degrees of freedom for ensuring a smooth loading procedure.



Extendable lighting support at the rear for reducing the rear rotor blade overhang.





Cost-efficient and approval-free empty runs through compliance with all relevant guidelines (depending on Dimension A and EC of the truck). <16.5 m combination length, < 41 t total weight, 2,550 mm vehicle width. When using the Jeep dolly, no two-trailer-regulation because of the mechanical coupling between the dolly and trailing unit.

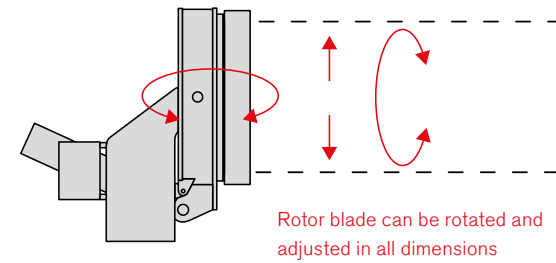
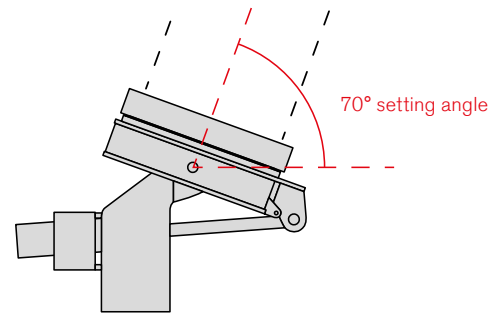
# WIND BLADE ADAPTER G3

THE OPTIMAL TRANSPORT SOLUTION FOR THE FINAL MILE

## TRANSPORT REQUIREMENT

- / Long-distance transport of wind turbine blades
- / Wind turbine blades with lengths of > 75 m
- / Wind turbine blades with dead weights of > 35 t
- / High ground clearance
- / Transport solution flexibility

## VERSIONS (610 MT)





### **SELF-PROPELLED VEHICLE ON THE WAY TO THE WIND POWER PLANT**

- / Low speed: excellent control over the vehicle as well as cargo
- / High traction force, good climbing performance
- / Vehicle length as a self-propelled kept to a minimum, superb manoeuvrability
- / Operator can move freely around the vehicle while driving, thus operator has the best visibility in all directions
- / Additional advantage: in rough conditions, the self-propelled vehicle can also be supported by a slow-moving pusher machine when negotiating inclines



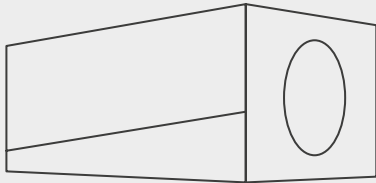
### **RETURN TRIP FROM THE CONSTRUCTION SITE TO THE ASSEMBLY POINT**

- / Vehicle is unloaded and has a low centre of gravity
- / The self-propelled vehicle becomes a trailer. The tractor can transfer the transport back at a significantly higher speed
- / Significant time savings on the return trip due to the change from self-propelled vehicle to trailer
- / Next transport can be loaded and sent on its way faster. Loaded with wind turbine blades, once again as a self-propelled vehicle



# NACELLE / HUB / TRANSFORMER / GENERATOR

## TRANSPORT ON THE EUROCOMPACT



### TRANSPORT REQUIREMENT

- / Transport of high and wide loads
- / Low driving height
- / High payload
- / Flexible use of the transport solution

## EUROCOMPACT

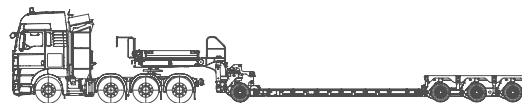
The SCHEUERLE EuroCompact is a semi-modular low bed semi-trailer, which has cross-industry use for the transport of construction machinery as well as stone crushers, transformers and other heavy equipment. Due to the wide range of models and low maintenance costs, the SCHEUERLE EuroCompact is the efficient solution for all transport tasks.

### AVAILABLE VERSIONS

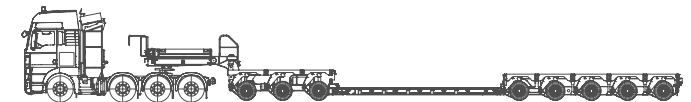
- / 1+3 to 4+6 axles
- / Dolly with 1 to 3 axles
- / Boom recess bogie from 3 to 5 axles
- / Additional bogie unit (SmartAxle) for extending the combination by 1 or 2 axles at the front, 1 axle at rear
- / Range of slab decks (telescopic, non-telescopic)
- / Centre distance from 1,360 or 1,500 mm
- / Large selection of accessories for every transport requirement

### TECHNICAL DATA

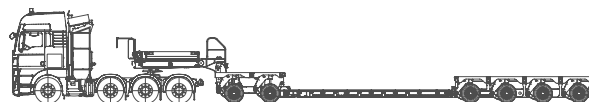
- / Fifth-wheel load up to 26 t
- / Technical axle load up to 14 t
- / Payloads up to 105 t



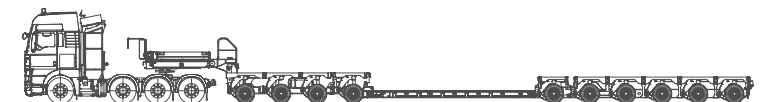
**1+3 AXLES**



**3+5 AXLES**



**2+4 AXLES**



**3+1+1+5 AXLES**



**SAJKO**

L

VI

**IZVANREDNI PRIJEVOZ**

VOLVO

ZG 3001-TS

# NACELLE / HUB / TRANSFORMER / GENERATOR

## TRANSPORT ON THE ULTRALIGHTCOMBI

### ULTRALIGHTCOMBI

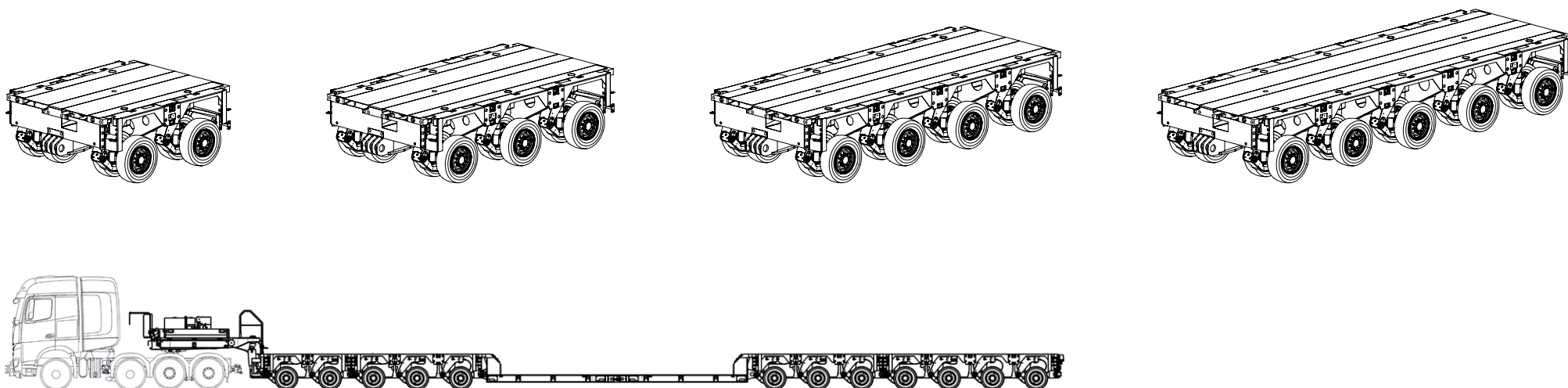
The SCHEUERLE UltralightCombi is a modular platform vehicle that can be combined with other models in the SCHEUERLE Combi series and scores with a particularly favourable payload/dead weight ratio, and is ideal for transporting wind turbine components such as nacelles, hubs and transformers.

#### AVAILABLE VERSIONS

- / 2 to 5-axle modules
- / Semi-trailer or trailer combination
- / Low-bed, platform or drawbar combination
- / Range of slab decks (telescopic, non-telescopic)
- / Tyres 245/70 – R17.5 or 285/70 – R19.5
- / Vehicle width 2,550 or 2,630 mm
- / Centre distance 1,500 mm
- / Large selection of accessories for every transport requirement

#### TECHNICAL DATA

- / Fifth-wheel load up to 26 t
- / Technical axle load up to 14 t
- / Maximum size of combination 12 axle lines
- / Payloads up to 135 t (low-bed combination)
- / Payloads up to 150 t (trailer combination)



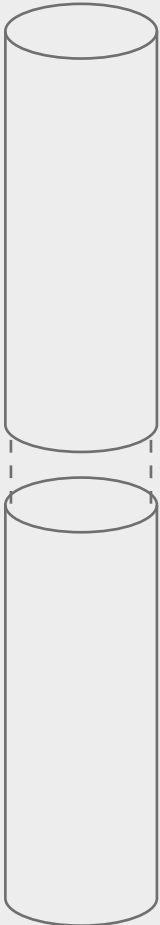
**5+7 AXLES**

# WIND TOWER / TOWER SECTIONS

LIGHTWEIGHT, FLEXIBLE & EFFICIENT SOLUTION FOR WIND TOWER TRANSPORT

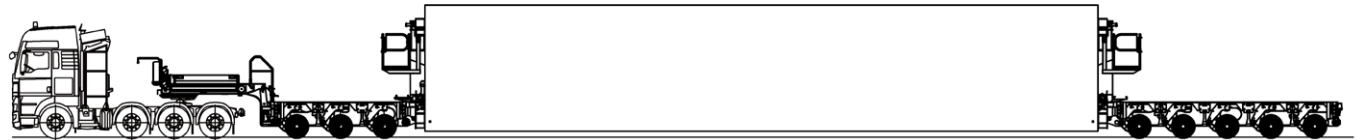
## TRANSPORT REQUIREMENT

- / Able to accommodate different tower section radii
- / Transport of wind tower sections up to 100 t
- / High ground clearance in order to prevent damaging the transported materials
- / Lifting device to circumvent obstacles



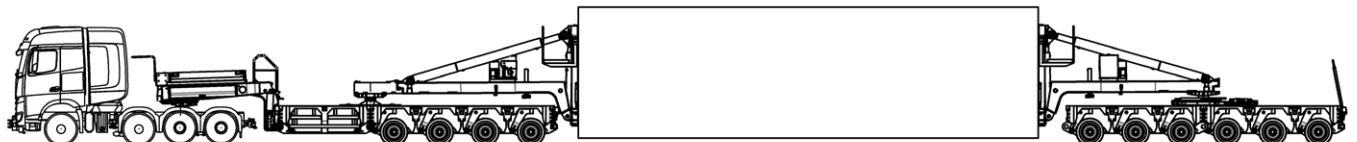
## WIND TOWER ADAPTER WT40

- / Payloads up to 80 t (UltralightCombi 3+5 combination)
- / Tower diameters up to 5,000 mm
- / Transport at the front side between the platform vehicle



## WINDTURMADAPTER WT50

- / Payloads up to 100 t
- / Tower diameters up to 5,250 mm
- / Integrated lifting device
- / Transport on platform vehicles

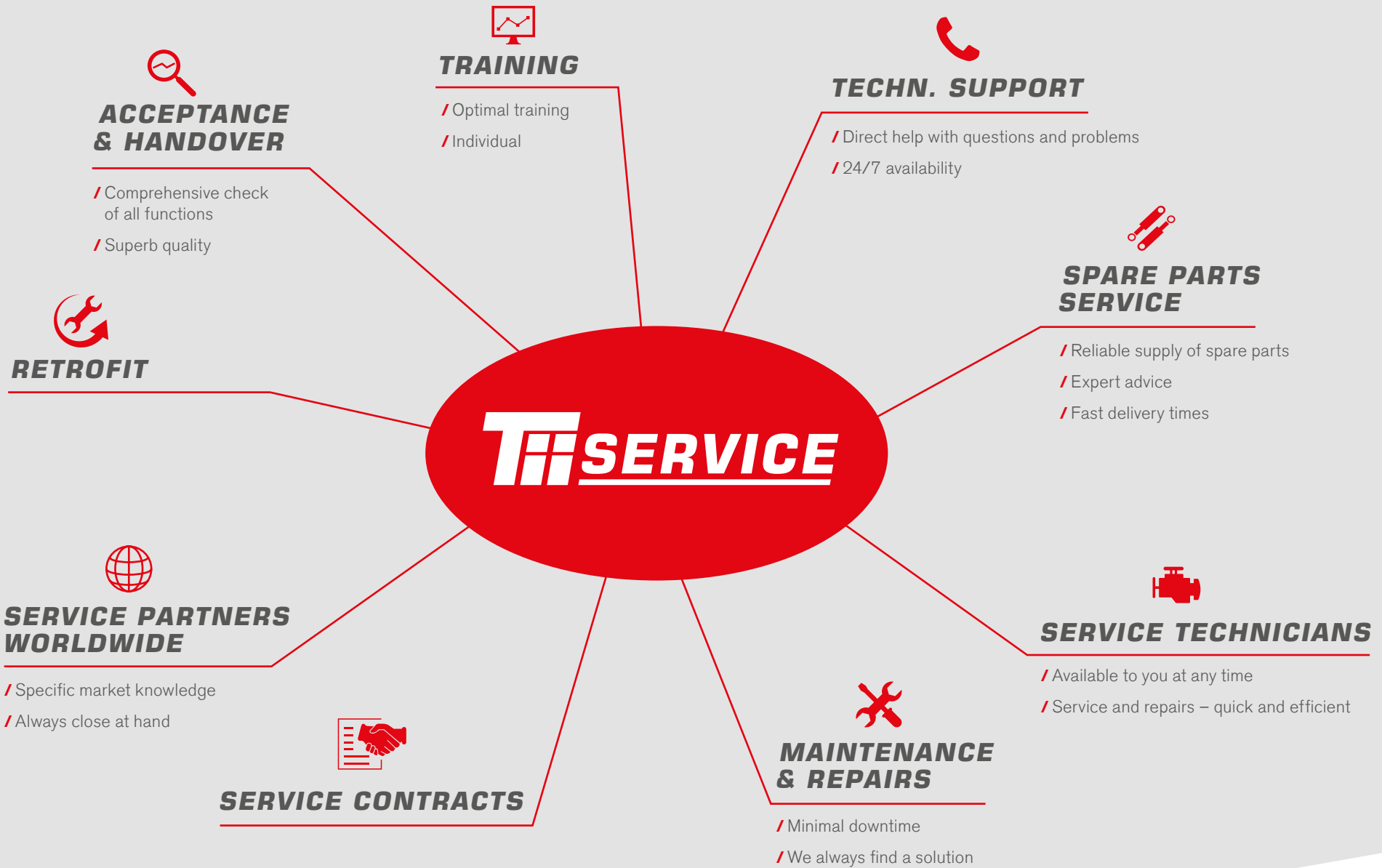




Wind tower adapter WT40



Wind tower adapter WT50



# SERVICE PARTNERS WORLDWIDE

*RIGHT ON SITE FOR YOU*



Due to our regional market knowledge, our service partners can respond optimally to your needs and provide you with support. This ensures that you always have a contact person close at hand.

