



**SAFETY AND AGILITY
RA 3-100 TOWER ADAPTER
FOR TOWER SEGMENT TRANSPORTS**

SPECIAL APPLICATIONS

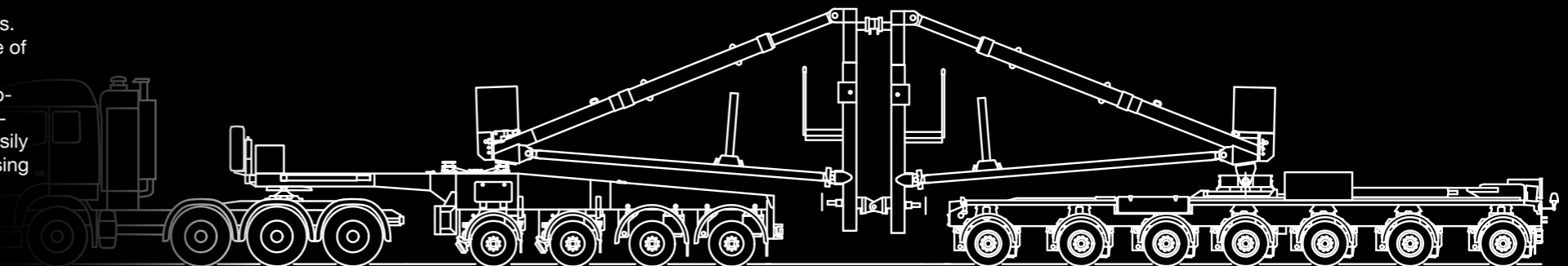


MAXIMUM SAFETY

FOR TOWER SEGMENT TRANSPORTS

Wind power continues to be a defining topic - in Europe and worldwide: The trend is bigger and bigger in size and generating capacity, and increasing efficiency. In Germany alone, almost 750 onshore wind turbines were commissioned in 2023 - with a combined generating capacity of around 3,500 MW. Wind power technology is constantly evolving. This also translates into growing demands in terms of infrastructure, legislation and the components of the wind power plants themselves. Above all, moving the increasingly voluminous and heavy components calls for continuous developments in the field of heavy-duty transportation.

In addition to the wind turbine blades, the tower segments constitute particularly challenging loads in terms of size and weight. The dimensions vary depending on the manufacturer, but they can be 20-30 m long and often weigh more than 100 tons. To that must be added the enormous importance of safety when transporting such loads. With Goldhofer's specially developed tower adapters, you are ideally equipped to handle every assignment, as all standard tower segments are easily picked up and transported to their destination using reliable Goldhofer technology.



THE RA 3-100



SAFE.

High lateral stability thanks to a chassis width of 2,950 mm. Air-sprung axles for load-friendly transportation.



SIMPLE.

Ergonomic operation and easy maintenance thanks to easily accessible components and low-maintenance air suspension.



AGILE.

Optimum maneuverability thanks to free-turning devices and steering on the trailing dolly that is adjustable to the length of the load.

CHASSIS WIDTH^[1]

2,950 mm

MAXIMUM PAYLOAD

100 t

INNER FLANGE^[2] (DIAMETER)

2,450-5,490 mm

MAXIMUM STROKE^[3]

2,000 mm





YOUR GOLDHOFER BENEFITS



MAXIMUM SAFETY AND MANEUVERABILITY

- ✓ Chassis width 2,950 mm
- » High lateral stability
- ✓ Goldhofer 4-point clamps
- » Safe and simple load pick-up
- ✓ Free-turning device on the tower adapter
- » Highly maneuverable, tight bends no obstacle



LOAD-FRIENDLY TRANSPORT

- ✓ High-grade Goldhofer air suspension
- » Smooth running rear dolly is kind to the load and vehicle both under load and empty
- ✓ Polyamide plates on the tower adapter
- » Tower segments protected from mechanical damage



FLEXIBLE APPLICATIONS

- ✓ Designed for both tower segments and nacelles
- ✓ Low deadweight
- » Voluminous loads for wind power plants transported on one vehicle
- ✓ Quick and easy pick-up without a crane
- ✓ Easy relocation of the clamping units
- » Minimum setup times, maximum availability



USER- AND SERVICE-FRIENDLY

- ✓ Robust and proven Goldhofer technology
- ✓ Low-maintenance and easily accessible components
- » Minimized maintenance work
- ✓ Weight-optimized clamping units
- ✓ Optimized accessibility to all components
- » Excellent ergonomics



05/2024-EN We reserve the right to make design changes in the interests of technical progress and due to statutory regulations. Technical data in loaded vehicle condition.

SALES

Tel. Sales europe: +49 8331 15-341
Tel. Sales international: +49 8331 15-342
E-Mail: sales-transporttechnology@goldhofer.com

SERVICES AND SPARE PARTS

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