#### » PRODUCT BROCHURE



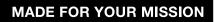


10101010

-0'0'0'

### TOWER ADAPTER RA 2 | RA 3 | RA 4

SPECIAL APPLICATIONS



# WE CAN HELP YOU TO BUILD THE FUTURE

Our tower adapters, with a payload up to 180 tons, are designed for the transport of heavy tower segments. The adapters can be coupled either with a free-turning device or directly between our heavy-duty modules. Thanks to the installed free-turning device, even the tightest hairpin bends, along with obstacles of up to 3 m in height can be overcome. -- 07

0





## RA 2 | RA 3 | RA 4 SUITABLE FOR EVERY SEGMENT



#### RA 2

### **RA 2-80**

- + Maximum payload (depending on combination) 2x50 t
  + Internal flange (diameter) 1,850-5,170 mm
- External flange *(diameter)* 1,620-4,910 mm
- + Insertable internal tube for tower diameter up to 6,330 mm *(internal flange)* 5,850 mm *(external flange)*
- *+ Direct coupling with THP Modular Trailers+* Alternatively usable with free-turning device
- + Swing clearance radius with FTD 4,900 mm/5,700 mm 6,500 mm

#### RA 2-110

**{•**]

- + Maximum payload (depending on combination) 2x60 t
  + Inner flange (diameter) 2,300-5,740 mm
- + Inner flange (diameter)2,300-3,740 filmOuter flange (diameter)2,150-5,100 mm
- + Insertable extensions for tower diameter up to 6,780 mm *(inner flange)* 6,150 mm *(outer flange)*
- + Direct coupling with THP Modular Trailers
- + Alternatively usable with free-turning device
- + Swing clearance radius with FTD 4,900 mm / 5,700 mm 6,500 mm









- YOUR ← Complete product range BENEFITS → Optimized for the whole spectrum for tower segments
  - Combinable with dolly or heavy-duty modules
     Economical and flexible utilization of existing vehicle fleet
  - Hydraulic sideshift for easier positioning during load positioning
     User-oriented and time-saving operation
  - Aluminum work platform with access ladder
     Increased safety in day-to-day action

#### RA 3

Ł	TECHNICAL DATA					
ſ	+	Maximum payload (dependir	<i>ng on combination</i> ) 2x50 t			
	+	Inner flange (diameter)	2,400-5,400 mm			
	+	Outer flange <i>(diameter)</i>	2,260-5,300 mm			
	+	Swing clearance radius	4,200 mm/4,900 mm			
			5,700 mm / 6,500 mm			
	+	Support cylinder for chass	sis with 600 mm of stroke			

#### **RA** 4

TECHNICAL DATA						
+	Maximum payload (depending on combination) 2x90 t					
+	Internal flange <i>(diameter)</i>	3,000-5,900 mm				
+	External flange (diameter)	2,820-5,550 mm				
	Swing clearance radius	7,500 mm/8,600 mm				
+	Support cylinder for chassi	s with 600 mm of stroke				

### MAXIMUM EFFICIENCY

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





#### FUTURE-PROOF

Tower segments account for between 15 and 25 percent of the costs for a complete wind turbine and are also responsible for a large proportion of the assembly, installation and transport costs. Our tower adapters enable you to be optimally equipped for the future when faced with ever larger plants.







MISSION

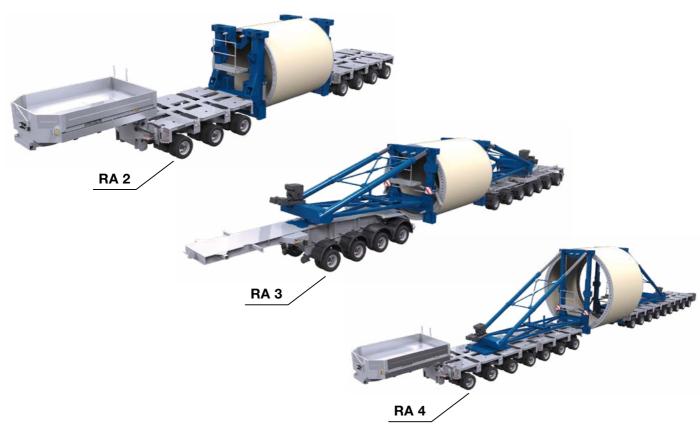


## RA 2 | RA 3 | RA 4 TECHNICAL DATA

Õ

TECHNICAL DATA

	RA 2-80	RA 2 -110	RA 3	RA 4
Maximum payload (depending on combination)		2x60 t	2x50 t	2x90t
Internal flange (diameter)	1,850-5,170 mm	2,300-5,740 mm	2,400-5,400 mm	3,000-5,900 mm
External flange (diameter)	1,620-4,910 mm	2,150-5,100 mm	2,260-5,300 mm	2,820-5,550 mm
Swing clearance radius	4,900 mm/ 5,700 mm/ 6,500 mm	4,900 mm/ 5,700 mm/ 6,500 mm	4,200 mm/ 4,900 mm/ 5,700 mm/ 6,500 mm	7,500 mm/ 8,600 mm
Insertable internal tube	Tube diameter up to 6,330 mm <i>(internal flange)</i> 5,850 mm <i>(external flange)</i>	Tube diameter up to 6,780 mm <i>(internal flange)</i> 6,150 mm <i>(external flange)</i>		



#### 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

#### 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 65E-Mail: service-transporttechnology@goldhofer.com