



# TOWER ADAPTER RA 2 | RA 3 | RA 4

SPECIAL APPLICATIONS





## WE CAN HELP YOU TO BUILD THE FUTURE

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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.



**YOUR BENEFITS**

- ✓ Complete product range
- » 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 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
- + Internal flange (*diameter*) 2,300-5,740 mm
- + Outer 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



**RA 3**



**TECHNICAL DATA**

- + Maximum payload (*depending on combination*) 2x50 t
- + Inner flange (*diameter*) 2,400-5,400 mm
- + Outer flange (*diameter*) 2,260-5,300 mm
- + Swing clearance radius 4,200 mm / 4,900 mm / 5,700 mm / 6,500 mm
- + Support cylinder for chassis with 600 mm of stroke



**RA 4**



**TECHNICAL DATA**

- + Maximum payload (*depending on combination*) 2x90 t
- + Internal flange (*diameter*) 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 chassis with 600 mm of stroke



## MAXIMUM EFFICIENCY

The dimensions of tower segments are often quite different depending on the manufacturer. 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.



## RA 2 | RA 3 | RA 4

### TECHNICAL DATA



#### TECHNICAL DATA

	RA 2-80	RA 2 -110	RA 3	RA 4
Maximum payload <i>(depending on combination)</i>	2x50 t	2x60 t	2x50 t	2x90 t
Internal flange <i>(diameter)</i>	1,850-5,170 mm	2,300-5,740 mm	2,400-5,400 mm	3,000-5,900 mm
External flange <i>(diameter)</i>	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>		



RA 2



RA 3



RA 4

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**MADE FOR YOUR MISSION**