



# FTV 550 | FTV 850

SPECIAL APPLICATIONS



MADE FOR YOUR MISSION

# ROTOR BLADES TRANSPORTED SAFELY

The number of onshore and offshore wind farms for harvesting energy has been constantly increasing worldwide for many years. The installed capacity gained from wind energy doubled just between 2011 and 2016 around the world from 250 to 500 Gigawatts. In order to reach the increasingly powerful wind turbines, it is often necessary to cross narrow bends or pass through developed areas.

Our blade-carrying transport devices, which can be combined with towed or driven heavy-duty modules, enable easy and economical transport to the construction sites – irrespective of how narrow it gets.



FTV 550

## PROVEN AND SAFE

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Goldhofer's FTV 550 takes the progressive development of wind turbines into account. The FTV 550 is able to accommodate almost all rotor blades. The ingenious FTV 550 has already proven itself in practical situations for the transport of various rotor blade generations and easily masters them.



FTV 850

## INDIVIDUAL SOLUTIONS WITH MAXIMUM SAFETY AND STABILITY

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Depending on the job on hand, a wide range of options is available with adapters for various parallel combinations. This makes the FTV 850 ideally suited for transporting extra-long rotor blades which are used for turbines on sites with low wind speeds.





- YOUR BENEFITS**
- ✓ Display for essential application parameters
  - » Safe and reliable operation
  - ✓ Installed between the modular chassis to reduce the total height
  - » Very low center of gravity for increased safety
  - ✓ Closed working platform
  - » Safety at work when attaching the blades

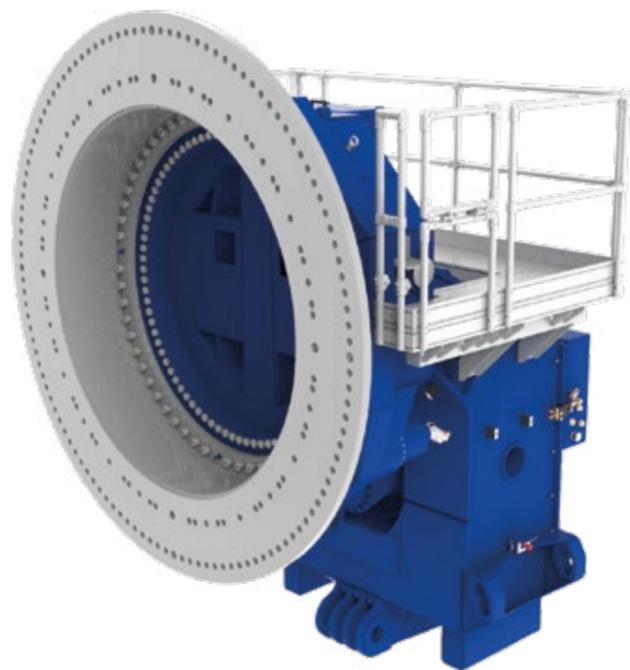


**TECHNICAL FEATURES**

+ Raised maximum angle	60°
+ Pitch angle	Endless
+ Maximum rotor blade diameter	3,400 mm
+ Dead weight	15.7 t
+ Ballast weight	18 t
+ Load moment	550 mt

# FTV 550

## PROVEN AND SAFE



**CHALLENGE ACCEPTED**  
 The route for a total of nine rotor blades included a distance of 8 km, passing through villages, corners and bends underneath high-voltage cables and was one of the first transports with the FTV 550 in Germany.





**YOUR BENEFITS**

- ✓ Display for essential application parameters
- » Safe and reliable operation
- ✓ Use with wider combinations possible
- » Greater width increases stability
- ✓ Transports of rotor blades with length of over 80 m possible
- » Flexible, future-proof transport solution



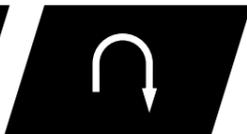
**TECHNICAL FEATURES**

- + Raised maximum angle 60°
- + Pitch angle endless
- + Maximum rotor blade diameter 3,700 mm
- + Dead weight 19 t
- + Ballast weight 18 t
- + Load moment 850 mt<sup>[1]</sup>

# FTV 850 THE NEW GENERATION



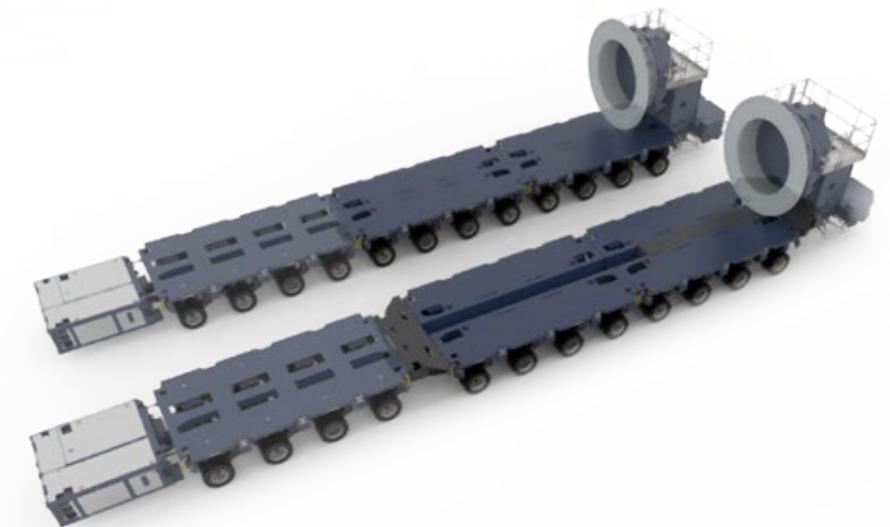
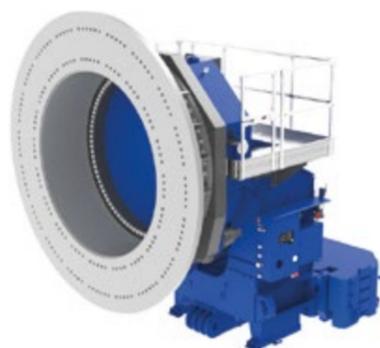
SAFE AND RELIABLE OPERATION



HIGH AGILITY



COMBINATION WITH EXISTING MODULE FLEET



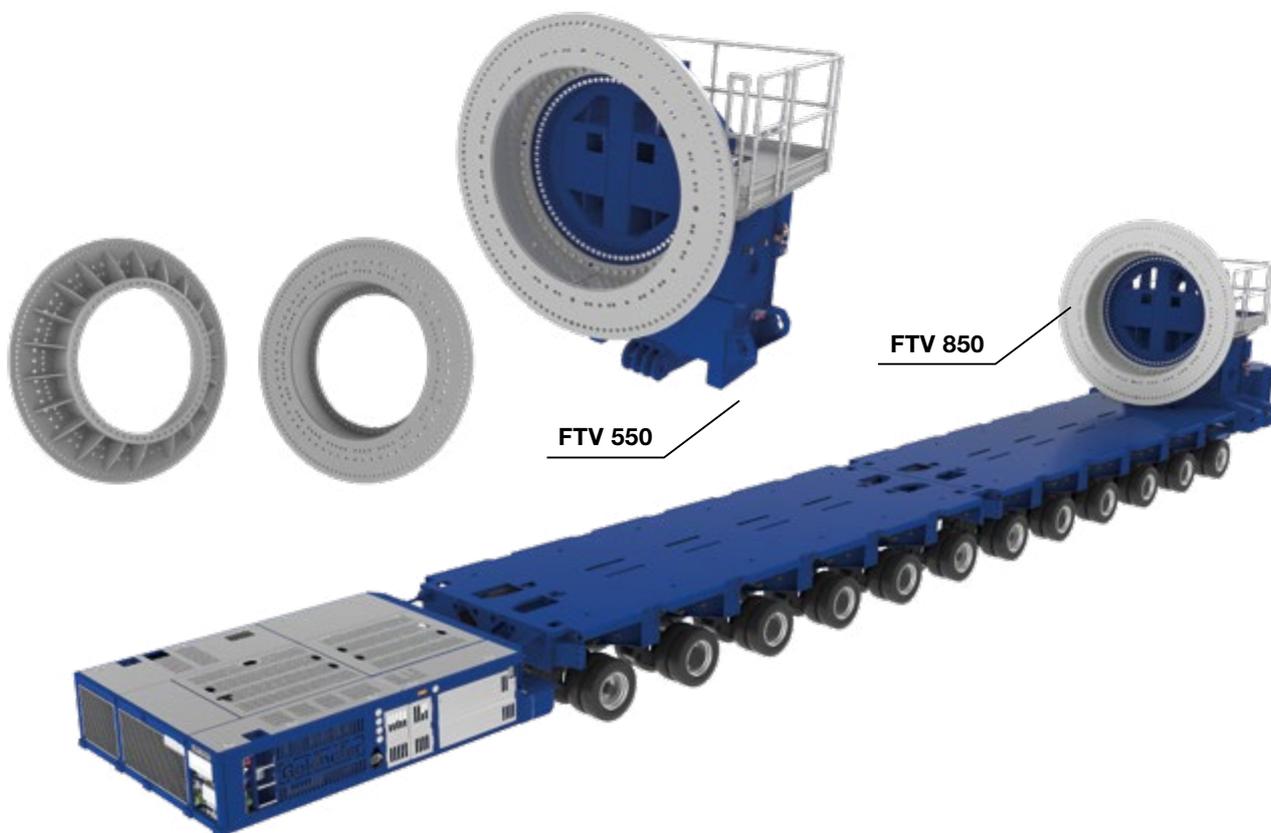
## INDIVIDUAL SOLUTIONS WITH MAXIMUM SAFETY AND STABILITY

Depending on the job on hand, a wide range of options is available with adapters for various parallel combinations. This makes the FTV 850 ideally suited for transporting extra-long rotor blades which are used for turbines on sites with low wind speeds. Even the latest generation of rotor blades requiring a lifting torque of up to 850 mt can be picked up and transported with full flexibility in the towed or self-propelled mode. With the split-combination option, in particular the PST/SL-E split with driven axle lines and mounting behind the loading area, the FTV 850 offers extremely high stability combined with low ballast weight. In addition, fewer axle lines are needed in operation, which increases the manoeuvrability of the combination and reduces the dead weight.

<sup>[1]</sup> Depending on the vehicle combination

## FTV 550 | FTV 850 TECHNICAL DATA

	FTV 550	FTV 850	
<b>TECHNICAL DATA</b>	Dead weight	15,7 t	
	Ballast weight	18 t	
	Load moment	550 mt	
	Raised maximum angle	60°	
	Pitch angle	endless	
<b>ACCESSORIES</b>	+ Wind measuring on the blade tip + Remote radio control with axle pressure indicator and wind indicator + Railing for safe work on the adaptor + Access ladder		
	<b>ROTOR BLADE ADAPTOR</b>	dead weight 2.6 t for diameter up to 3,400 mm	Dead weight 4.4 - 6 t for diameter up to 3,700 mm



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