

» PRODUCT BROCHURE

Goldhofer



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.



TRANSPORT TECHNOLOGY

PROVEN AND SAFE

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 550

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.



FTV 850



SPECIAL APPLICATIONS

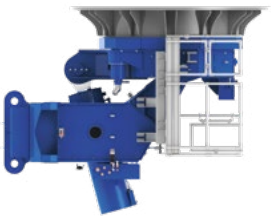
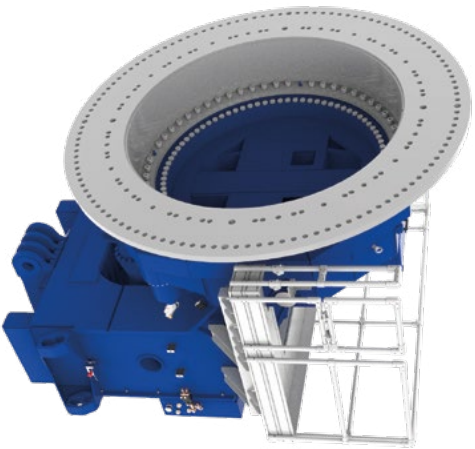
YOUR BENEFITS

- ✓ 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

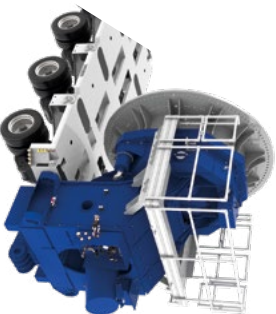


TRANSPORT TECHNOLOGY



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.

FTV 550





SPECIAL APPLICATIONS

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 80m possible
- » Flexible, future-proof transport solution

TECHNICAL FEATURES

- + Raised maximum angle
- + Pitch angle
- + Maximum rotor blade diameter
- + Dead weight
- + Ballast weight
- + Load moment
- 60°
- endless
- 3,700 mm
- 19t
- 18t
- 850 mtⁱⁱⁱ⁾

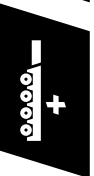
FTV 850 THE NEW GENERATION



SAFE AND
RELIABLE
OPERATION



HIGH
AGILITY



COMBINATION
WITH EXISTING
MODULE FLEET



TRANSPORT TECHNOLOGY



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.

FTV 850

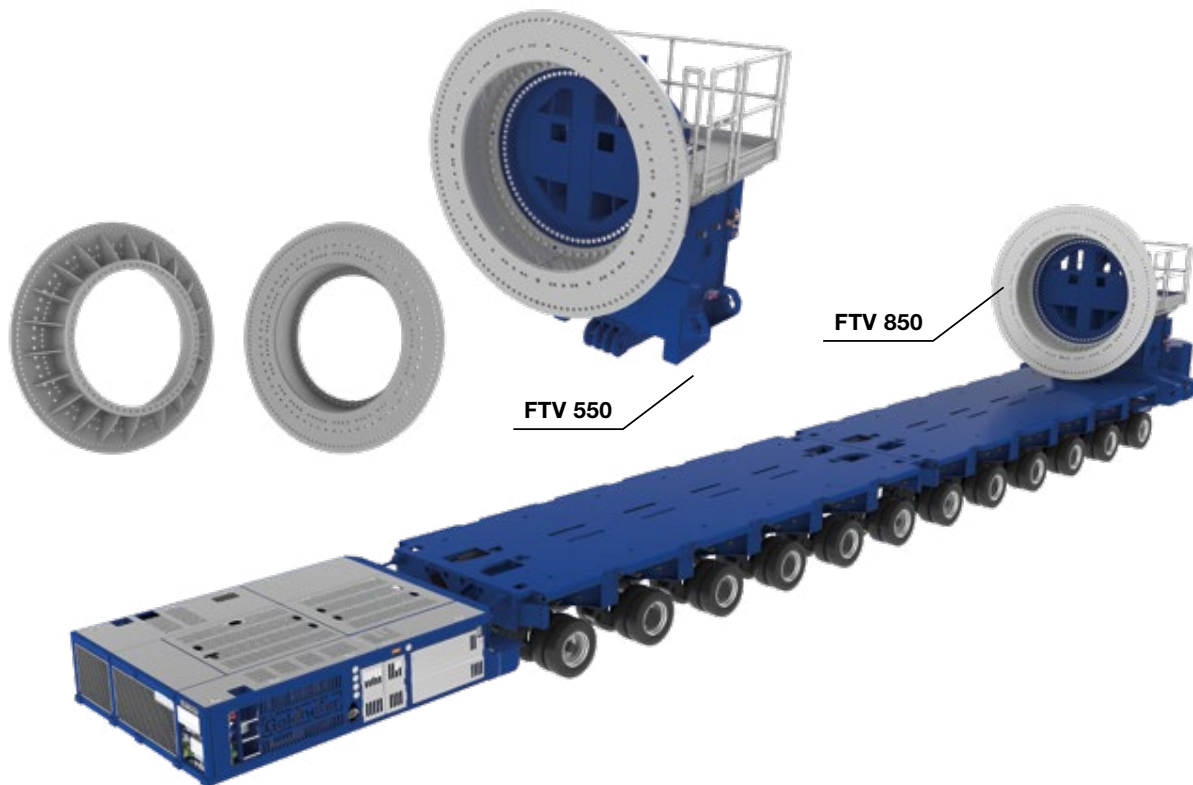
ⁱⁱⁱ⁾ Depending on the vehicle combination

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FTV 550 | FTV 850

TECHNICAL DATA

		FTV 550	FTV 850
	TECHNICAL DATA	Dead weight 15,7 t	19 t
		Ballast weight 18 t	18 t
		Load moment 550 mt	850 mt
		Raised maximum angle 60°	60°
		Pitch angle endless	endless
		+ 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	
	ROTOR BLADE ADAPTOR	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



10/2022-EN We reserve the right to make design alterations and changes in the sense of technical progress and on the basis of statutory regulations. Technical data in loaded vehicle condition.

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

GOLDHOFER INC.

7401 Riviera Boulevard, Miramar, FL 33023, USA
Telephone: +1 954 433 5617, Fax: +1 954 433 5445
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 65
E-Mail: service-transporttechnology@goldhofer.com

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