

FTV 300
FTV 500

SPECIAL APPLICATIONS



ROTOR BLADES TRANSPORTING THEM 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.

MANEUVERABLE AND FLEXIBLE

04

The FTV 300 comes into its own on mostly narrow route sections where conventional transport solutions quickly reach their limitations. With an alignment angle of up to 60°, even difficult passages can be effortlessly overcome and the rotor blades can thereby reach their planned destination safely and efficiently.



SAFE AND TRIED AND TESTED HUNDREDS OF TIMES

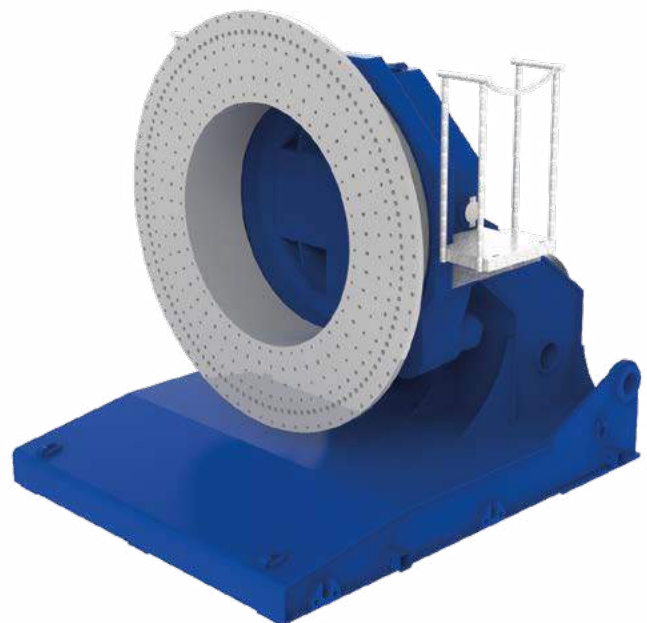
06

Goldhofer's FTV 500 takes the progressive development of wind turbines into account. The FTV 500 is able to accommodate even the largest rotor blades. The ingenious FTV 500 has already proven itself hundreds of times in practical situations for the transport of the latest rotor blade generations and easily masters them.





FTV 300 MANEUVERABLE AND FLEXIBLE





YOUR BENEFITS

- ✓ Ballast weights to compensate for different blade weights
- » Cost effective transport solution for all customary rotor blades
- ✓ Interchangeable rotor blade adaptor
- » Extendable and adjustable for future hole-pattern variants
- ✓ Possible utilization as self-driven and towed modular chassis
- » Efficient in action



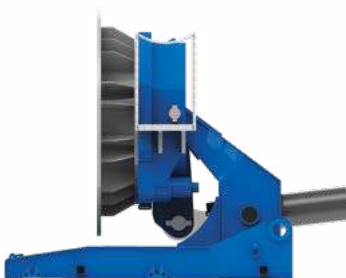
TECHNICAL FEATURES

- + Alignment angle maximum 60°
- + Pitch angle endless
- + Maximum rotor blade diameter 2,800 mm
- + Dead weight 12.6 t
- + Ballast weight 14 t
- + Lifting torque 300 mt



TRANSPORT ON THE VOLCANO

An order for seven Vestas V 112 wind turbines in Guatemala meant that the FTV 300 had to handle a serpentine-strewn, narrow mountain road lined with rocky outcrops and trees with inclines of up to 18% as well as declines of up to 13%.

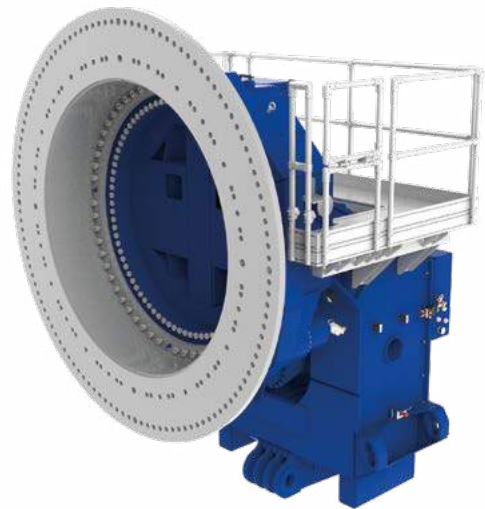




NEW!
FTV 550
EVEN MORE
CAPACITY!

FTV 500

SAFE AND TRIED AND TESTED HUNDREDS OF TIMES





YOUR BENEFITS

- ✓ Display for essential application parameters
- » Safe and reliable operating concept
- ✓ Installed between the modular chassis to reduce the total height
- » Very low centre of gravity for increased safety
- ✓ Closed in working platform
- » Safety at work when attaching the blades



TECHNICAL FEATURES

- + Alignment angle maximum 60°
- + Pitch angle endless
- + Maximum rotor blade diameter 3,400 mm
- + Dead weight 15.7 t
- + Ballast weight 18 t
- + Lifting torque 500 mt





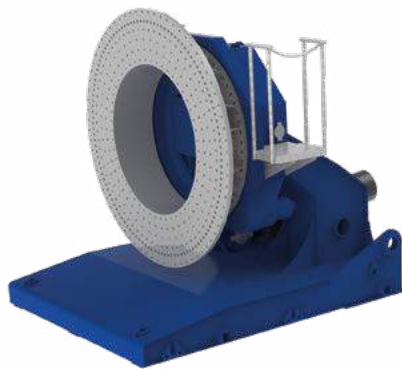
CHALLENGE ACCEPTED

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 500 in Germany.

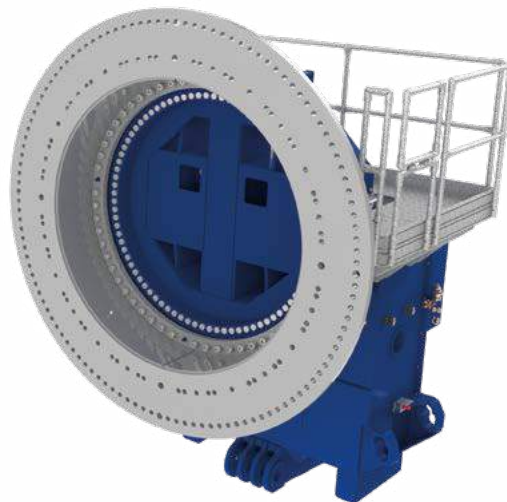


FTV 300 | FTV 500 TECHNICAL DATA

	FTV 300	FTV 500	
 TECHNICAL DATA	Dead weight	12.6 t	
	Ballast weight	14 t	
	Lifting torque	300 mt	
	Alignment angle	60°	
	Pitch angle	Limitless	
 ACCESSORIES	+ Wind measuring on the blade tip + Remote radio control with axle pressure indicator and wind indicator + Safety terrain for safe work on the adaptor + Access ladder		
	ROTOR BLADE ADAPTOR	+ FTV 300, dead weight 2.4 t for diameter up to 2,800 mm + FTV 500, dead weight 2.6 t for diameter up to 3,400 mm	



FTV 300



FTV 500

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