

Product Information

Technical Data

Width	3.000 mm
Height	4.000 mm
Max. lifting capacity	300 mt
Max. angle of inclination	60°
Max. speed	15 km/h

Special Features

- For all types of blades
- A world-first
- High climbing performance
- Extreme manoeuvrability



PFTV 300

Blade transport device

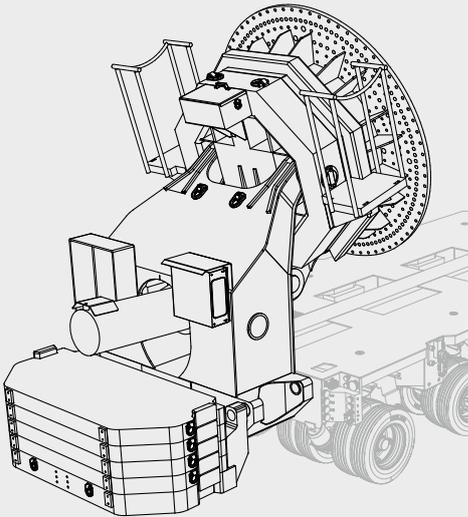
When it comes to transporting rotor blades through bottlenecks or in difficult-to-access terrain, the PFTV 300 blade transport device is just the right tool for the job.

Where conventional trucks can go no further, a self-propelled trailer with blade transport frame is used. Thanks to its new technical features and very compact nature, the PFTV 300 represents a unique offering in its class. The PFTV 300 is the ideal logistics solution for mountainous and forested sites.

Thanks to high load torque of 300 metric tonnes, the PFTV 300 is ideally suited to the transport of particularly large and heavy rotor blades. Rotor blades weighing up to 25 tonnes can be moved with no problem – something which sets it apart worldwide. The adapter flange can be adjusted for all blade types, making it extremely flexible in its uses. Prangl took a leading role in the development of the tipping device. This gives us the necessary expertise to cost effectively plan and safely execute such transports.

Thanks to its modular construction, the PFTV 300 can be adapted both to suit the type of rotor blade and to local conditions. The expected wind speed has a considerably influence on the stability of the transport. Thanks to its innovative design, the angle of inclination of the tipping device can be continuously adjusted between 0° and 60°. This minimises construction of additional roads and other activity which interferes with nature, which is not only a plus when it comes to the environment and the landscape, but also saves massive costs on access road construction.

The self-propelled trailer has a fully electronic control system and, thanks to its 500 hp engine, is able to ensure uninterrupted and safe transport of rotor blades even in rough terrain. To provide a better overview of the situation, the whole unit is operated by remote control, which makes it possible to navigate obstacles and bottlenecks even more easily. The blade adapters can be repositioned hydraulically, so that the self-propelled trailer can also be used to transport other components of wind power plants. For longer transport routes, the option also exists to combine the PFTV 300 with roadworthy modular axles and the associated tractor units.



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