



# Collett MEGA Wind Turbine Transporter

The Collett MEGA Wind Turbine Transporter is the latest transport concept for transporting large wind turbine installations up to around 3 MW. A unique and universal concept that can be employed anywhere in the world. With this transport solution tower sections as well as nacelles can be transported. Loading and unloading is extremely straightforward and a crane is not needed. Moreover, the MEGA Wind Turbine Transporter has outstanding manoeuvrability and the generous maximum ground clearance makes it possible to choose the quickest transport route to the site. The unique properties of the MEGA Wind Turbine Transporter will enable logistical and financial advantages.



*Superior manoeuvrability of the MEGA Wind Turbine transport*

The Collett MEGA Wind Turbine Transporter consists of 2 hydraulically adjustable lift-adapters that can be universally employed on various vehicle types.

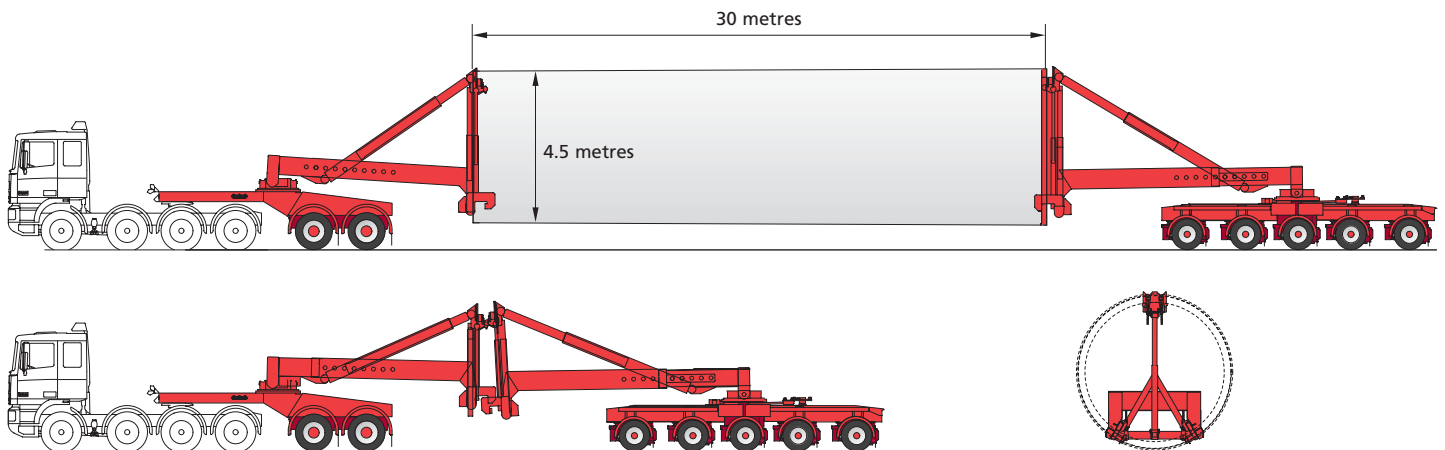


In this case one has been fitted on a 6-axle hydraulically steered semi low-loader and one on a 7-axle hydraulically steered self-steering dolly. This transport combination is also available with a 2- and 3-axle Jeepdolly instead of a 6-axle semi low-loader. The lift-adapter's clamp connections are infinitely adjustable to the diameter of the tower section or the turbine. Coupling the load is extremely straightforward as the lift-adapters can be moved in any direction by pushing a button.

The lift-adapters are connected to the semi-trailers by means of a turntable. The load can be rotated up to 80 degrees. The outstanding manoeuvrability is due to the fact that the swept path covered is determined by the size of the load only and not by the steering behaviour of the vehicle. Moreover, the load can be raised up to 1.5 metre above the ground surface so that it can easily be manoeuvred over a crash barrier, ditch or raised centre of a roundabout. Each lift-adapter can carry 50 tons, which equates to 100 tons total capacity.

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# Examples of the Collett transport operations with the MEGA Wind Turbine Transporter



Lift-adapters can easily be connected together for the return journey



The lift-adapter can easily be moved in any position



The load can be raised 1.5 metres above the ground



Hydraulically adjustable lift-adapter



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