NOOTEBOOM
SPECIAL TRAILERS SINCE 1881

Gets you there.

SUPER WING CARRIER

The Nooteboom Super Wing Carrier is a resounding success internationally and is considered to be the ultimate standard for the transport of ultra-long rotor blades.

FACTS & FIGURES

1250 MM	Maximum clearance under the central beam
600 MM	Stroke of the pendle axes
820 MM	Stroke of the hydraulically adjustable gooseneck
100+ X	The number of Super Wing Carriers worldwide
63 M	Total lenght of the Super Wing Carrier when fully extended
300,000 KM	Lifespan of the tyre of a Super Wing Carrier with pendle axles
10 M	The length of the rear overhang that can be adjusted on the loaded trailer

4,894,746 X
The number of times that our Super Wing Carrier video has been watched

If you have not seen the video you can watch it using the QR code above

Tele-PX Super Wing Carrier

Revolutionary transport solution for extreme long rotor blades

The Tele PX Super Wing Carrier was developed because the windmills are getting bigger all the time. The rotating blades that capture energy from the wind used to be 25 metres long, then 50 metres, and now they can measure up to 70 metres.


TAG
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It was not just a matter of increasing the vehicle length; the construction had to be modified too.

The location of the centre of gravity of these long blades could cause the trailer to overturn. Because the blades are longer, they are also wider and even have a slightly different shape. These blades are often manufactured to be used in areas with low wind speeds where the aerodynamics work differently. During transport, the blade's centre of gravity is not located right above the central main beam in the middle of the trailer. This fact, plus the fact that these blades have been designed to catch the wind, means that the trailers carrying these blades have to be constructed in a way that makes them extremely torsion-stiff. And they even need to have a certain dead weight to ensure that they don't overturn when they catch a cross wind during transport.

The Super Wing Carrier, fitted with pendle axles, offers a much wider steering angle (60 degrees) and significantly more axle travel for extra ground clearance.

The pendle axles also ensure the platform remains extremely stable, even at maximum steering angles. Another important fact is that the gooseneck, which is hydraulically adjustable (80 cm height compensation), can be fully loaded and driven at any ride height. This Super Wing Carrier is internationally a very popular transport solution for extreme long rotor blades of 70 metres and more.


BANSHO
SCANIA
BANSHO

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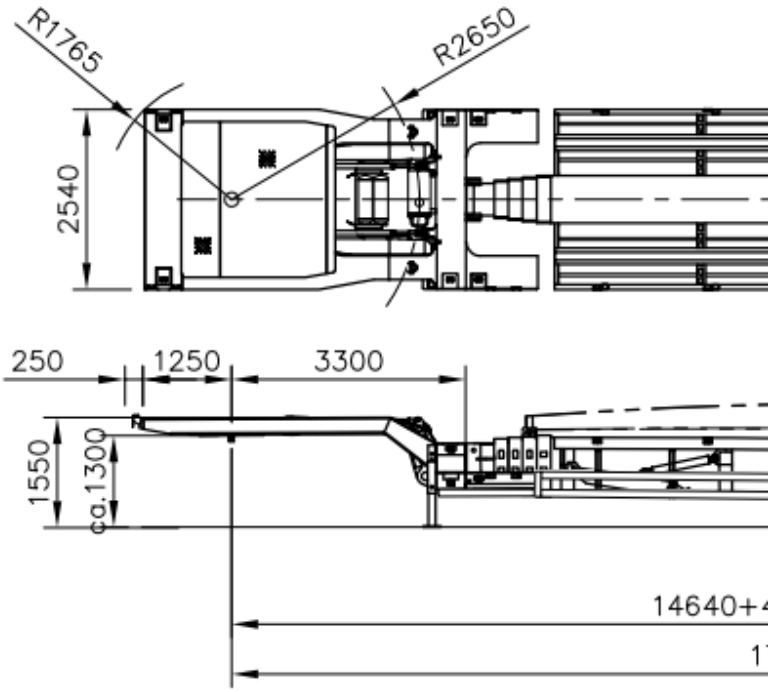

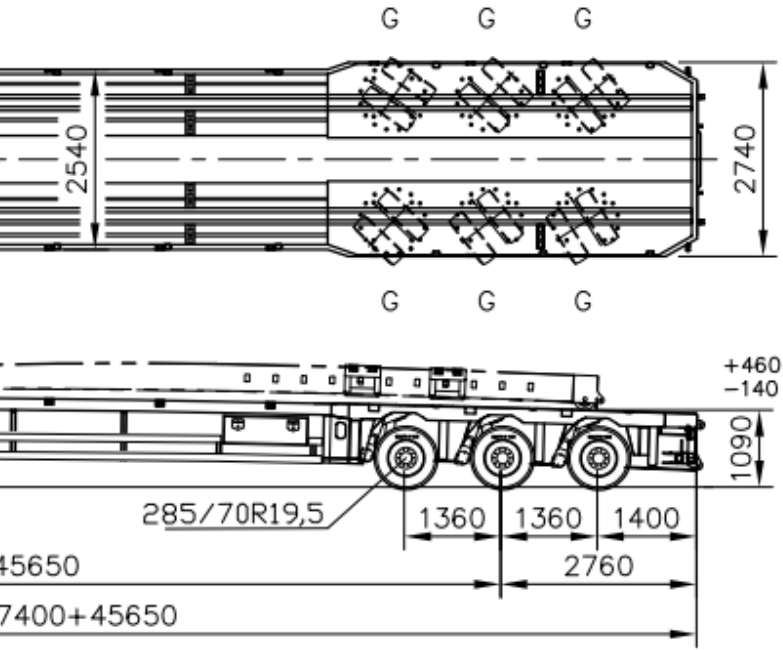
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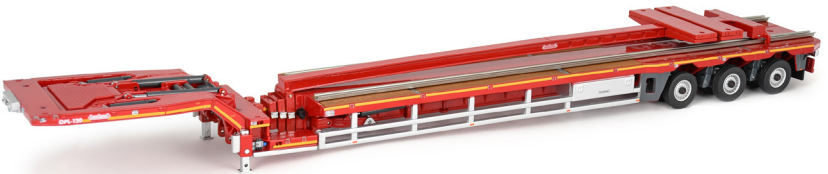
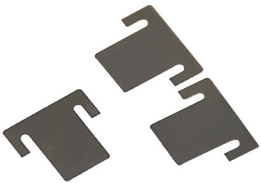
Enjoy the little things!

SUPER WING CARRIER IN ITS MOST COMPACT CONFIGURATION

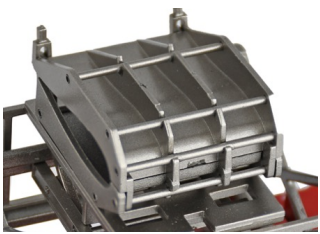


GLOSSARY

Pins



Extension Beam Supports



Wing adapter

Front Wing Support

1.1 High position of the extension beam

Push the two pins out of the coupling to place the beam into the high position.

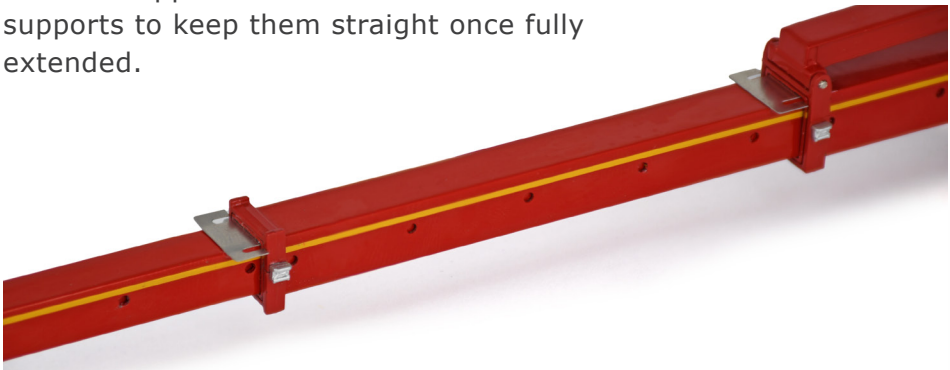
1.2 Low postion of the extension beam

2. Fully extended trailer

To fully extend the trailer, pull out the sections until they “click”.

3. Extension Beam Supports

You can support the sections with the beam-supports to keep them straight once fully extended.



4.1. The neck of the trailer can be set in three positions

Low position.

4.2 Middle position

Push down on the middle of the neck to align the holes in the cilinders. Fixate the cilinders with the small pins on both sides.

4.3 High position

Push down further to set the neck in the highest position.


CHL-110

5.1. Axle suspension height

Normal suspension height.

5.2. High position

Lift the trailer bed, and lock the suspension of the middle axle using the small pins on both sides.

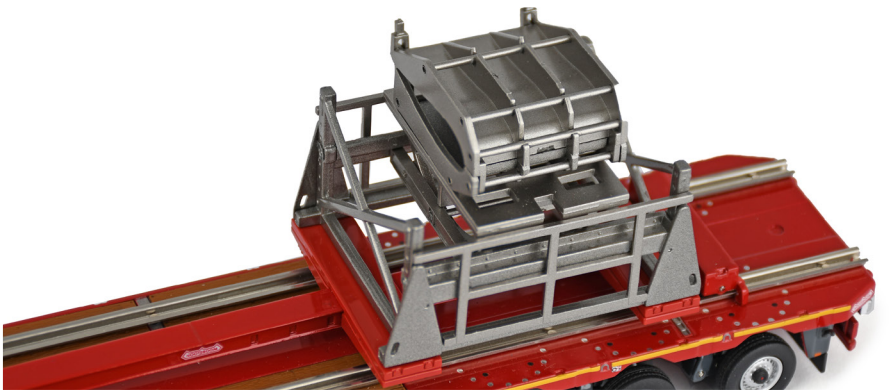
Placing the Wing Supports

6. Front Wing Support

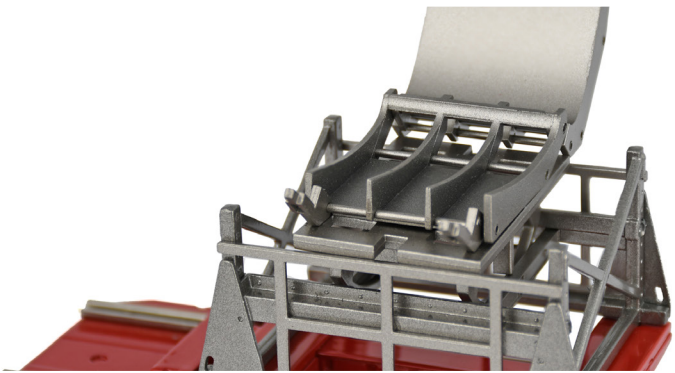
Pin the Wing Support on the neck to hold the wing in place.

7. Wing Adapter Brackets

Slide the brackets into the desired position to place the Wing Adapter by pinning it in the holes depicted on the previous page. Place the Wing Adapter with the locking clips to the righthand side.

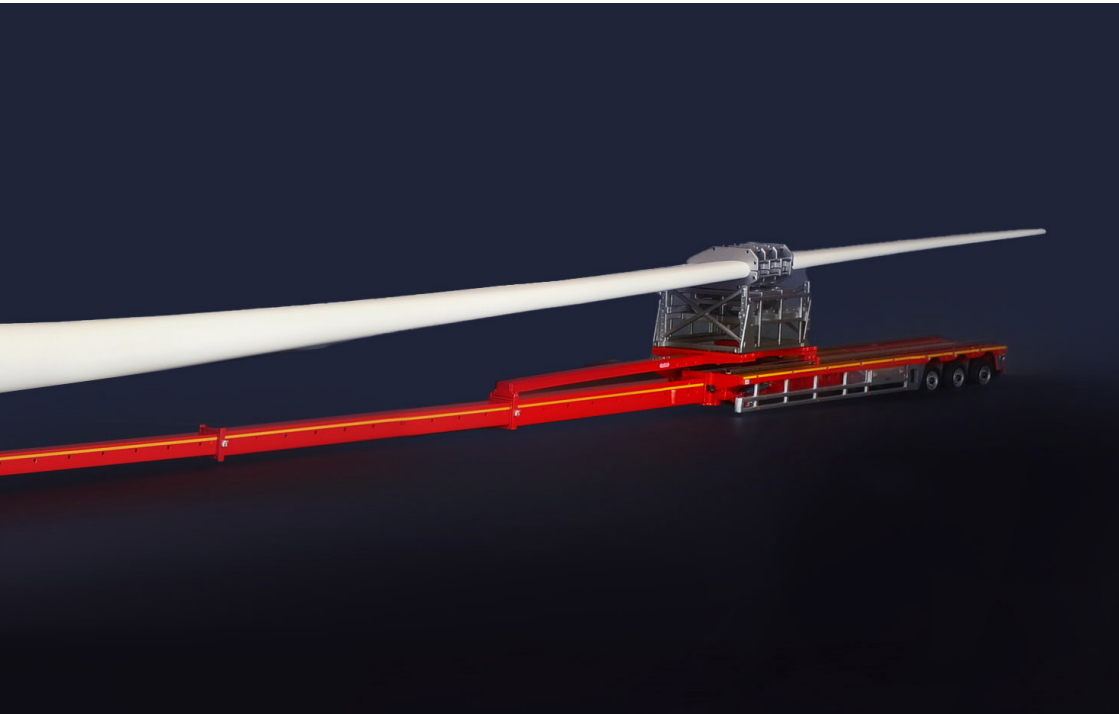


The Wing Adapter can be opened to create a bracket for the front-end of a wing (wing not included with the model).



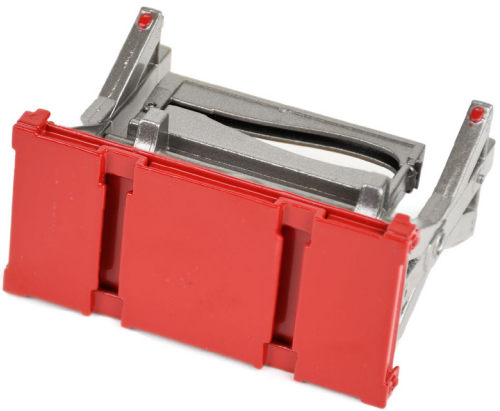
THE SUPER WING CARRIER FULLY EXTENDED WITH THE 57M WING

(WING AVAILABLE AS A SEPARATE PRODUCT)



ASSEMLBY OF ADDITIONAL MAMMOET WING SUPPORT

1. Rear Wing Support

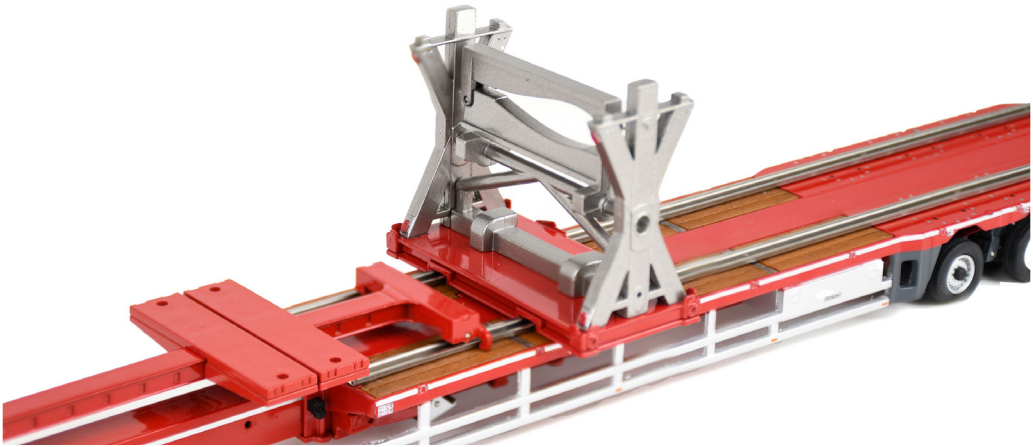


2. Placing the Rear Wing Support

Slide the Rear Wing Support onto the Guiding Rails at the back of the trailer.

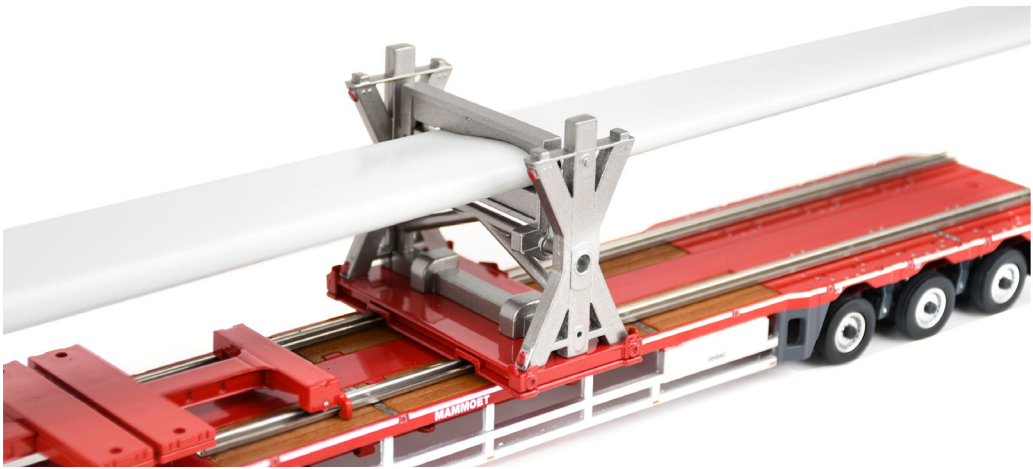
3. Positioning the Rear Wing Support

Slide the Rear Wing Support into the desired position.



4. Securing the Wing

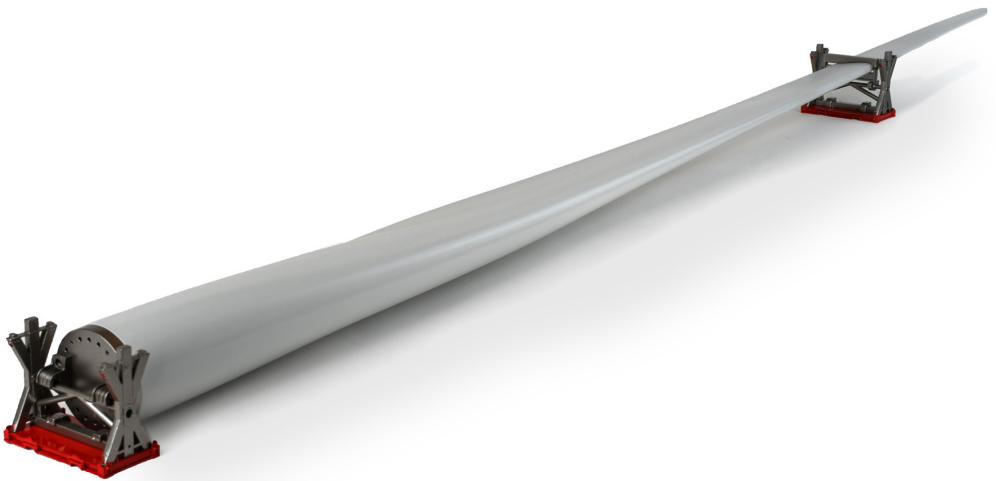
Open the Rear Wing Support and slide the Wing into place. Close the Rear Wing Support to secure the Wing.



5. Positioning the Front Wing Support

Pin the Front Wing Support (supplied with the Super Wing Carrier model) on the neck and place the Wing into the Front Wing Support.

6. Position of the Wing in Storage Frames



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- The IMC Team

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Industrial Merchandising Concepts B.V.

HEAD OFFICE
Peppelkade 23
3992 AL Houten
The Netherlands

+31 (0)30 721 0661
info@imcmodels.eu

Nooteboom Trailers B.V.
Nieuweweg 190, 6603 BV Wijchen, The Netherlands
Tel. +31 24 6488864, E-mail info@nooteboom.com
www.nooteboom.com

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