



SPECIAL TRAILERS SINCE 1881

Gets you there.

MULTITRAILER® OSDS SEMI LOW-LOADERS



FLEXIBILITY **THAT GETS YOU THERE**

With the programme of the OSDS semi low-loaders, Nootboom has set an important standard. In response to market wishes, the OSDS is designed to carry huge loads while having an extremely low dead weight. With a dead weight from 8.5 tonnes Nootboom certainly achieved what they set out to do. The unique design of the OSDS guarantees an extremely strong and robust chassis with a low load floor height. The OSDS semi low-loader offers the best position for the centre of gravity and load distribution between gooseneck and axle assembly.

We get you there.





Advantages OSDS semi low-loaders

The OSDS is manufactured using the latest production methods in the brand-new factory in Wijchen. The quality of the finish and conservation of the OSDS semi low-loader is outstanding. A hot zinc spray is used for the conservation of the chassis, which virtually eliminates the risk of corrosion. For a very competitive price Nootboom offers you top quality semi low-loaders, made with components of renowned brands only. The programme consists of 3-axle and 4-axle semi low-loaders with fixed or extendible load floor.

Durability

- top-quality finish and conservation
- with SAF axles and Michelin tyres as standard
- made with high-quality A-brand components only
- very low-maintenance
- extremely reliable and very long life
- equipped with EBS & Roll-over stability package as standard
- strong chassis with excellent torsional stiffness due to central beam system
- European service network with 24-hr emergency service.

User-friendly

- very low dead weight due to the use of high-quality steel
- excellent manoeuvrability and low tyre wear owing to
- self-tracking axles
- comfortable ride due to air suspension
- very low load floor height
- can be custom-built using well-thought-out option packages
- TUV certified and patented lashing provisions fitted all around
- thin, extremely strong gooseneck
- load floor and lowered ramp fit together seamlessly
- extensive ramp programme with very low angle of gradient

Profitability

- extremely versatile due to multi-functional uses
- very well equipped as standard
- high residual value
- outstanding price-quality ratio
- low running costs



THE IDEAL TRANSPORT SOLUTION FOR THE TRANSPORT OF





EARTH-MOVING AND ROAD CONSTRUCTION MACHINERY



Gets you there.



THE IDEAL TRANSPORT SOLUTION FOR THE TRANSPORT OF ACCESS





PLATFORMS, FORKLIFT TRUCKS AND AGRICULTURAL MACHINERY



Gets you there.



THE IDEAL TRANSPORT SOLUTION FOR THE

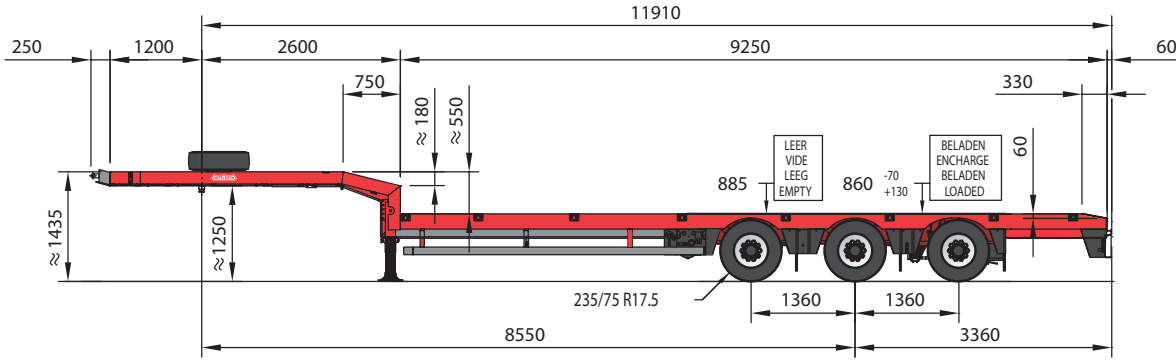




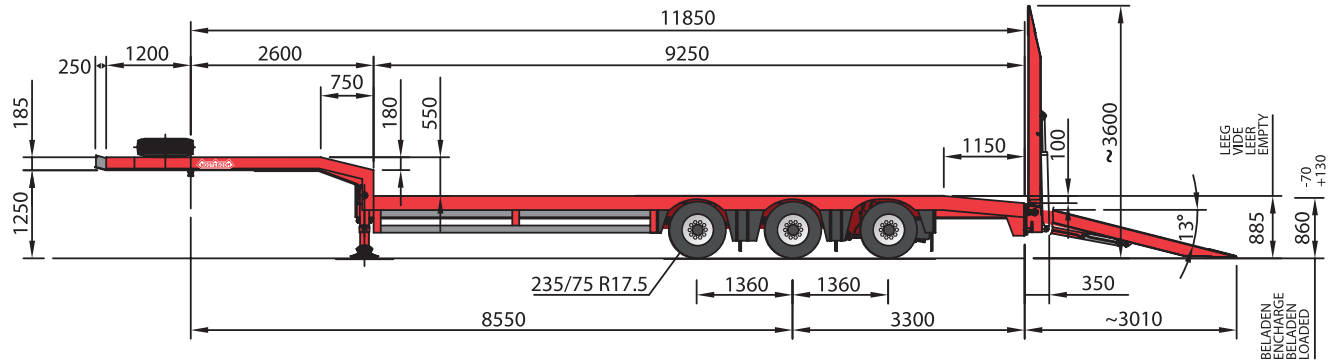
TRANSPORT OF CRANE-LOADED GOODS



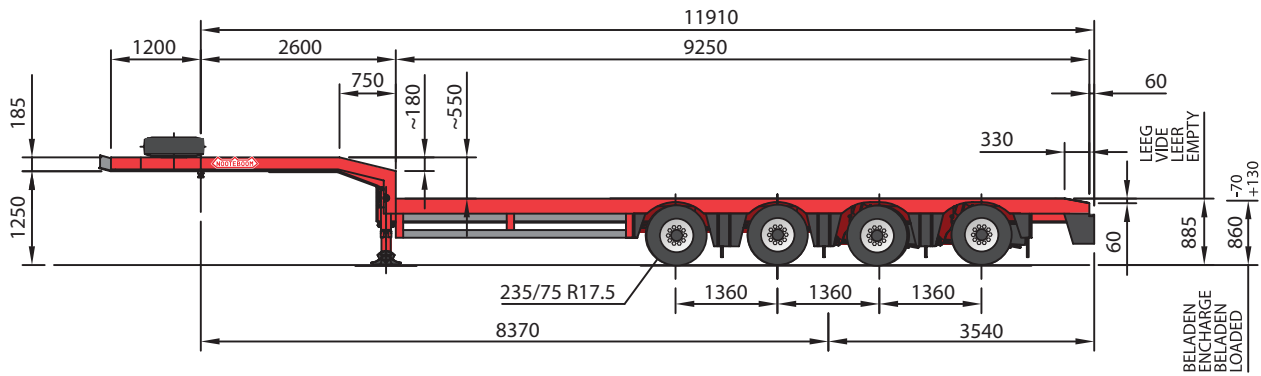
OSDS-48-03



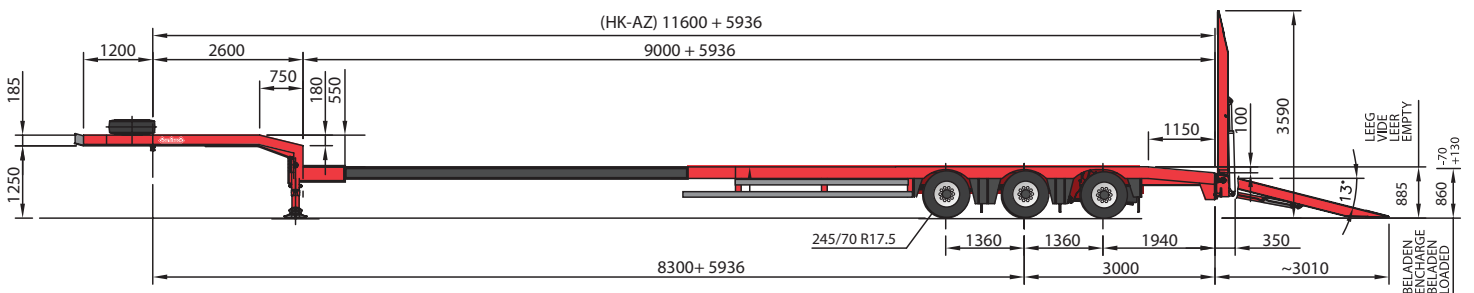
OSDS-41-03 (EB) OSDS-48-03 (EB)



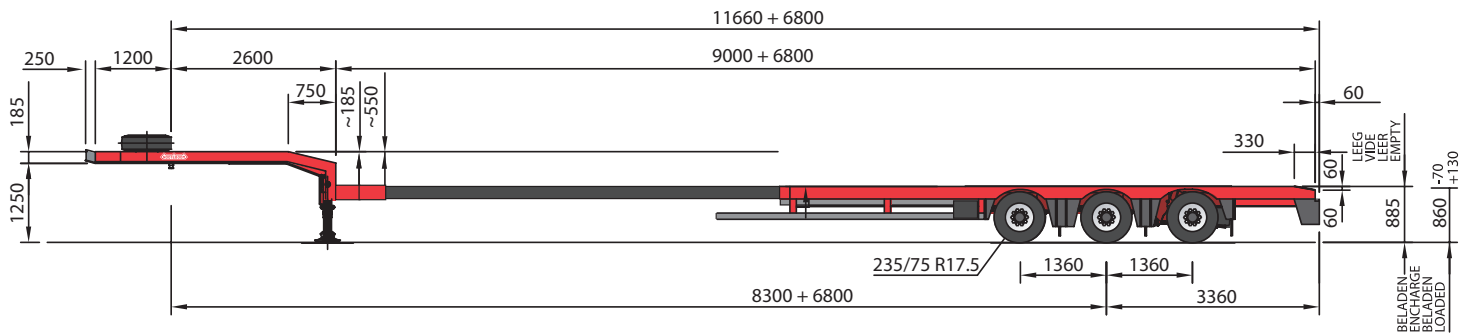
OSDS-58-04



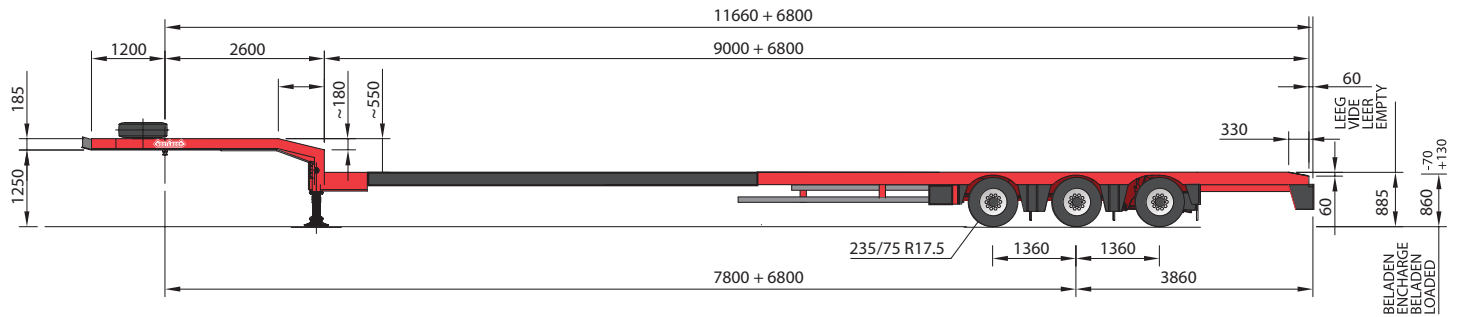
OSDS-48-03V (EB)



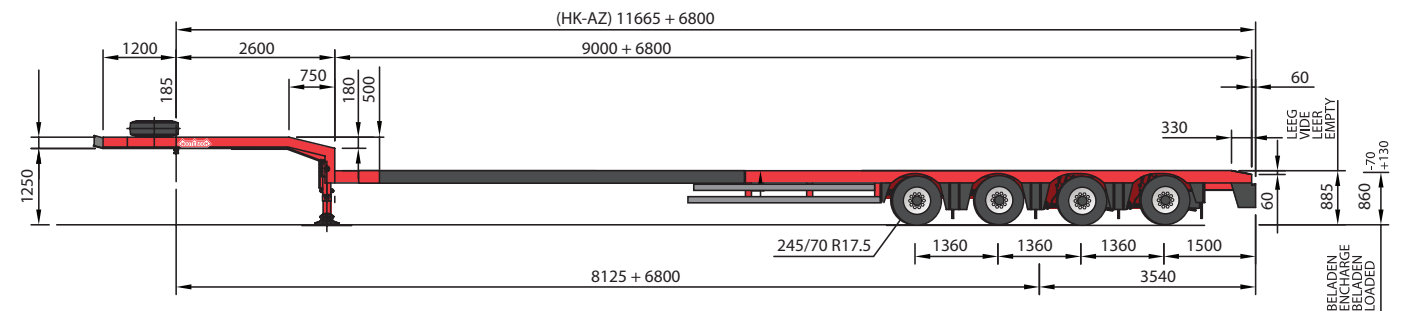
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OSDS-48-03V(D)

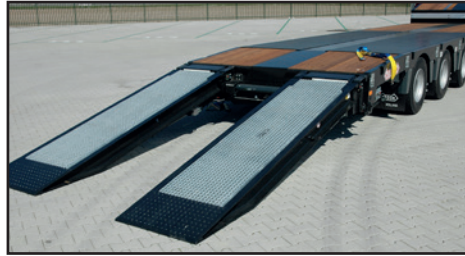
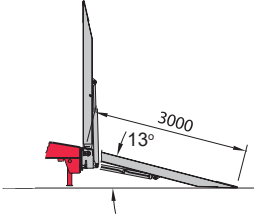


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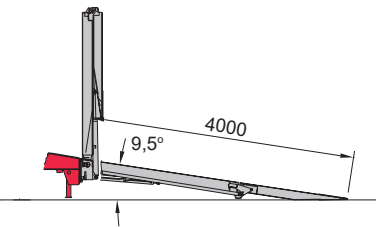
LOADING RAMPS

In order to ensure loading/unloading is as efficient and safe as possible, Nootboom has a wide range of ramps to choose from. The programme includes ramps of various lengths, widths and design. The hydraulic ramps, when lowered, and load floor fit together seamlessly.



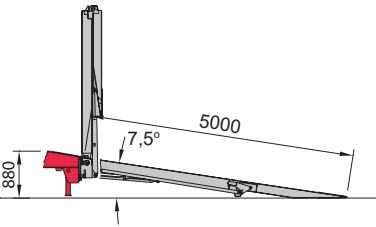
HYDRAULIC 3-METRE RAMPS

The 3-metre hydraulic operated ramp provides a loading angle of 13 degrees and offers easy access for almost all plant machinery such as excavators and dumpers. The width adjustment can be operated mechanically or hydraulically.



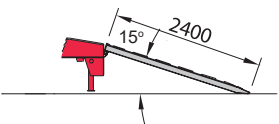
HYDRAULIC 4-METRE FOLDING RAMPS

The 4-metre automatic folding ramps have an angle of gradient of just 9.5 degrees, which makes driving onto the load floor very easy.



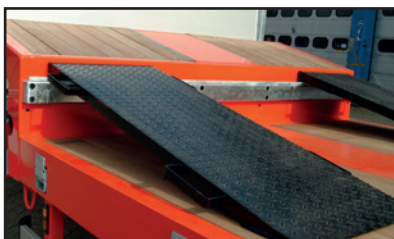
HYDRAULIC 5-METRE FOLDING RAMPS

With an angle of gradient of only 7.6 degrees, the 5-metre automatic folding ramps offer the easiest access to the load floor. These ramps are the preferred option for machinery with very little ground clearance, such as access platforms. The width adjustment is hydraulically operated.



ALUMINIUM HOOK ON RAMPS

Aluminium hook-on ramps can be an excellent alternative if ramps are only occasionally used for loading the trailer. The angle of gradient of these 2400 mm alu ramps is 15 degrees.

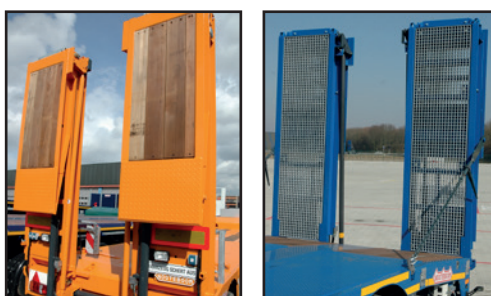
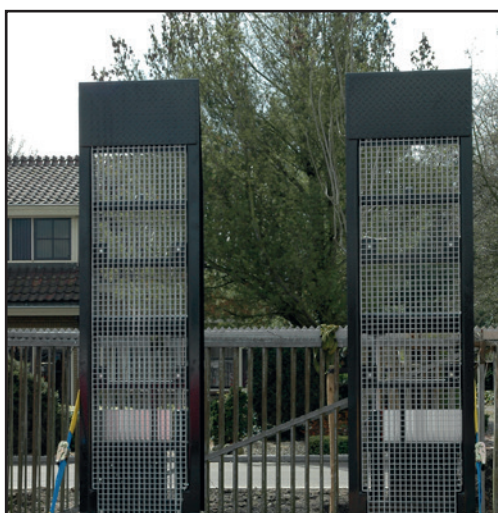


LOADING ON THE GOOSENECK

The OSDS is ideally suited for carrying loads on the gooseneck. The ramps hook on to U-shape, immediately behind the sloping gooseneck. Due to the sloping gooseneck and ramps the machines can be loaded safely and without difficulty.

VARIOUS VERSIONS

All hydraulically operated ramps are available in various widths, ranging from 780 to 1250 mm. The load floor can be supplied in wood or with a galvanized steel grid for extra traction, depending on the machines that will be carried. There are also various other different options available, such as special strips that provide extra grip for tracked vehicles or special reinforcement for ultra-heavy machines.



HYDRAULIC OPERATION

To fold/unfold the ramps and to adjust the width, an electro-hydraulic pump is integrated in the chassis. The various functions of the ramps are operated from the central control unit.

Galvanised steel grid in load floor



Width adjustment of 2x60 cm in total



Support legs for extra stability during loading/unloading



Hydraulic width adjustment of ramps



Control unit for ramps



Connections air/electricity



Hella EasyConn lighting



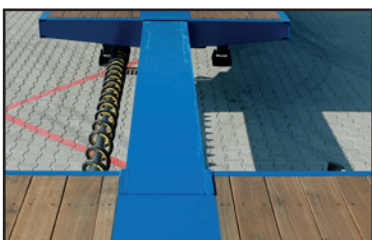
Central control panel



TÜV certified lashing provisions



Excellent torsional stiffness due to central beam system



SELF-TRACKING AXLES

For improved manoeuvrability and reduced tyre wear the OSDS semi low-loaders are equipped as standard with at least one self-tracking axle. For a 3-axle vehicle this will be the rearmost axle, for a 4-axle vehicle it will be the two rearmost axles. Due to the central beam construction of the OSDS this self-steering axle has a very generous steering angle of 20 degrees.



SUSPENSION & EBS BRAKE SYSTEM

The OSDS semi low-loader is equipped as standard with EBS and a Wabco air suspension system. This system provides an extremely comfortable ride. It can also be used to raise and lower the load floor, with a total travel in height of 200 mm. The EBS comes complete with RSS Rollover Stability Support, which identifies roll-over tendencies of the trailer.



TYRES AND AXLES

The OSDS semi low-loaders are equipped as standard with SAF axles with modern hub units and automatic adjusters. The steel disc wheels are fitted as standard with Michelin tyres, type 245/70R17.5 XTE2, double mounted.



BEAVERTAIL LOAD FLOOR

The EB version of the OSDS semi low-loader has a load floor which slopes at the rear for safe and easy loading/unloading of the machines. This 1150 mm long slope, together with the ramps, ensures the angle of gradient is optimal for driving the load onto/off the trailer. The beaver is made with hardwood as standard. Galvanised steel grids can be fitted if extra traction is required.



EXTREMELY STRONG GOOSENECK

The gooseneck of the OSDS semi low-loader is extremely strong, despite being only 185 mm thick. This allows the front of the semi-trailer to stay very low. The gooseneck is so strong that it can carry machinery without any problems. The gooseneck of the OSDS semi low-loader can be used with 4x2, 6x2 and 6x4 tractors and has a coupling height of 1250 mm. Of course different coupling heights are included in the programme.





WIDTH MARKER PLATES

If during transport the load protrudes from the sides of the vehicle, width marker plates must be used. The galvanised telescopic width marker plates are maintenance free and fitted with a retro-reflective warning sign and lighting. A flashing beacon can simply be attached to the flashing beacon stake.

Storage unit for width marker plates



SPARE WHEEL CARRIER

There are various storage options available for the spare wheel, ranging from a carrier underneath the load floor to a location on the front of the gooseneck.

Aluminium sideboards on gooseneck



LOADFLOOR WIDTH ADJUSTMENT

The load floor has a standard width of 2550 mm and can be extended to just over 3000 mm by means of outriggers. On either side of the load floor 10 'Heavy Duty' galvanised outriggers are fitted. Special extension beams fit between the consoles.

Storage unit for stakes



STORAGE BOX AND TOOLBOX

To safely stow the extension beams and loose materials, Nootboom can supply various storage solutions on the OSDS. Ranging from a compact, lockable toolbox and storage box for the extension beams underneath the load floor to a large lockable box on the gooseneck.

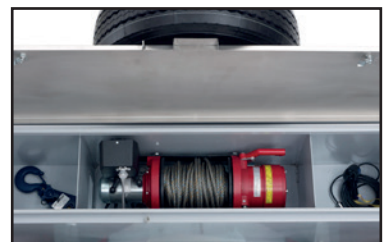
Toolbox under the load floor



EXTENDIBLE LOAD FLOOR

There are various versions in the OSDS semi low-loader programme that can be equipped with an extendible load floor to extend the loading surface behind the gooseneck from 9 to nearly 16 metres in length. The load floor can be extended in steps of approx. 50 cm.

5-tonne electric Superwinch



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