

MULTITRAILER® MCOS SEMI LOWLOADER



MANOEUVRABILITY THAT GETS YOU THERE

Over the years Nootboom has been very successful internationally with its programme of 3-axle and 4-axle OSDS semi low-loaders with self-steering axles. To meet new customer demands and to offer extra benefits for the transport operator, Nootboom has added hydraulic steering to the entire programme, known as MCOS semi low-loaders. These semi low-loaders have an excellent price/quality ratio, due to the broad, market-oriented concept and smart production method. Many thousands of the Nootboom SMART Multitrailers are already in operation, transporting construction machinery, rental machinery, access platforms, road construction machinery, agricultural machinery as well as general goods. The new MCOS semi low-loaders are extremely user-friendly and offer even more transport efficiency, reduced tyre wear and excellent manoeuvrability.



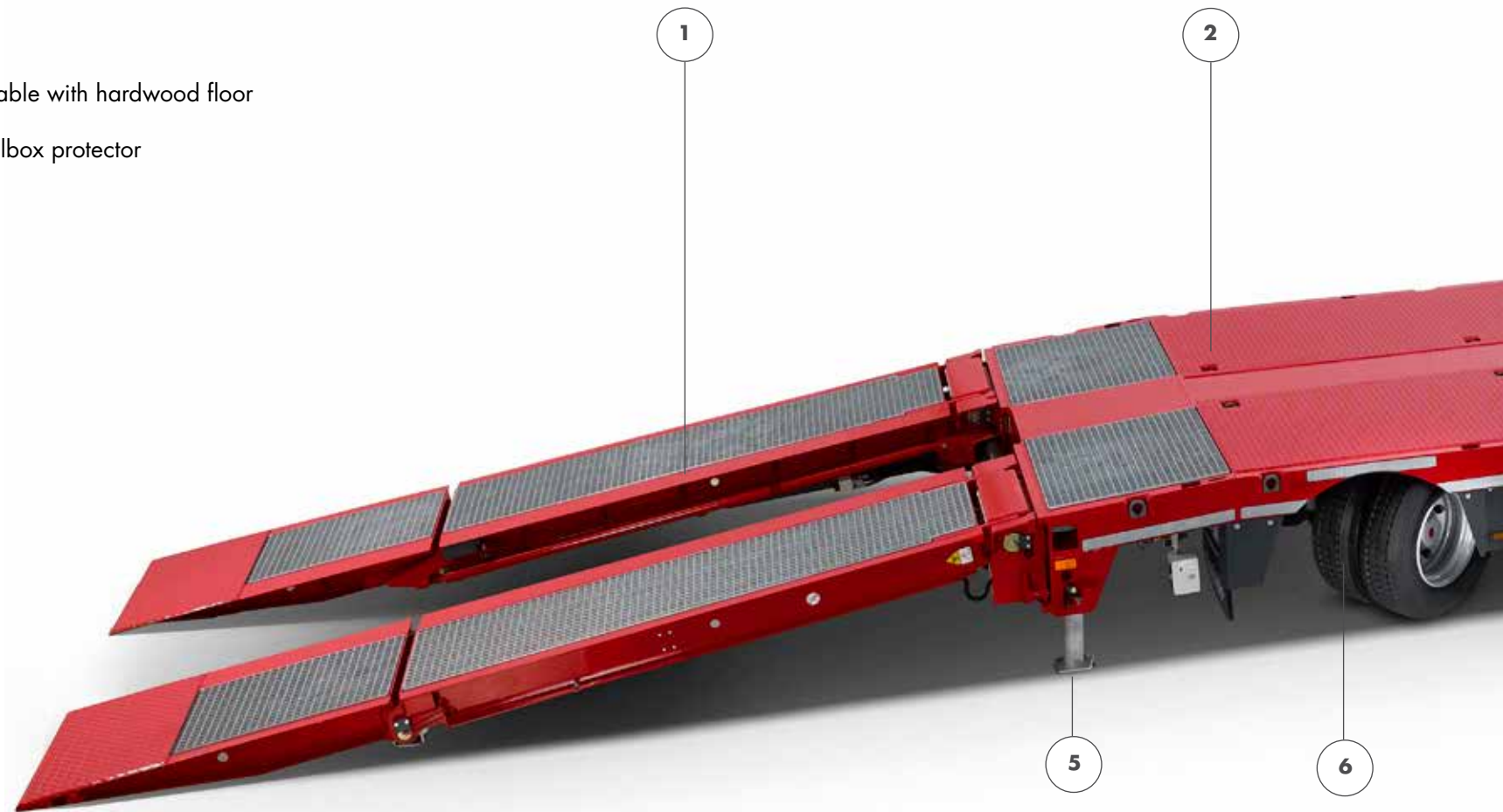


The advantages of the MCOS Multitrailer

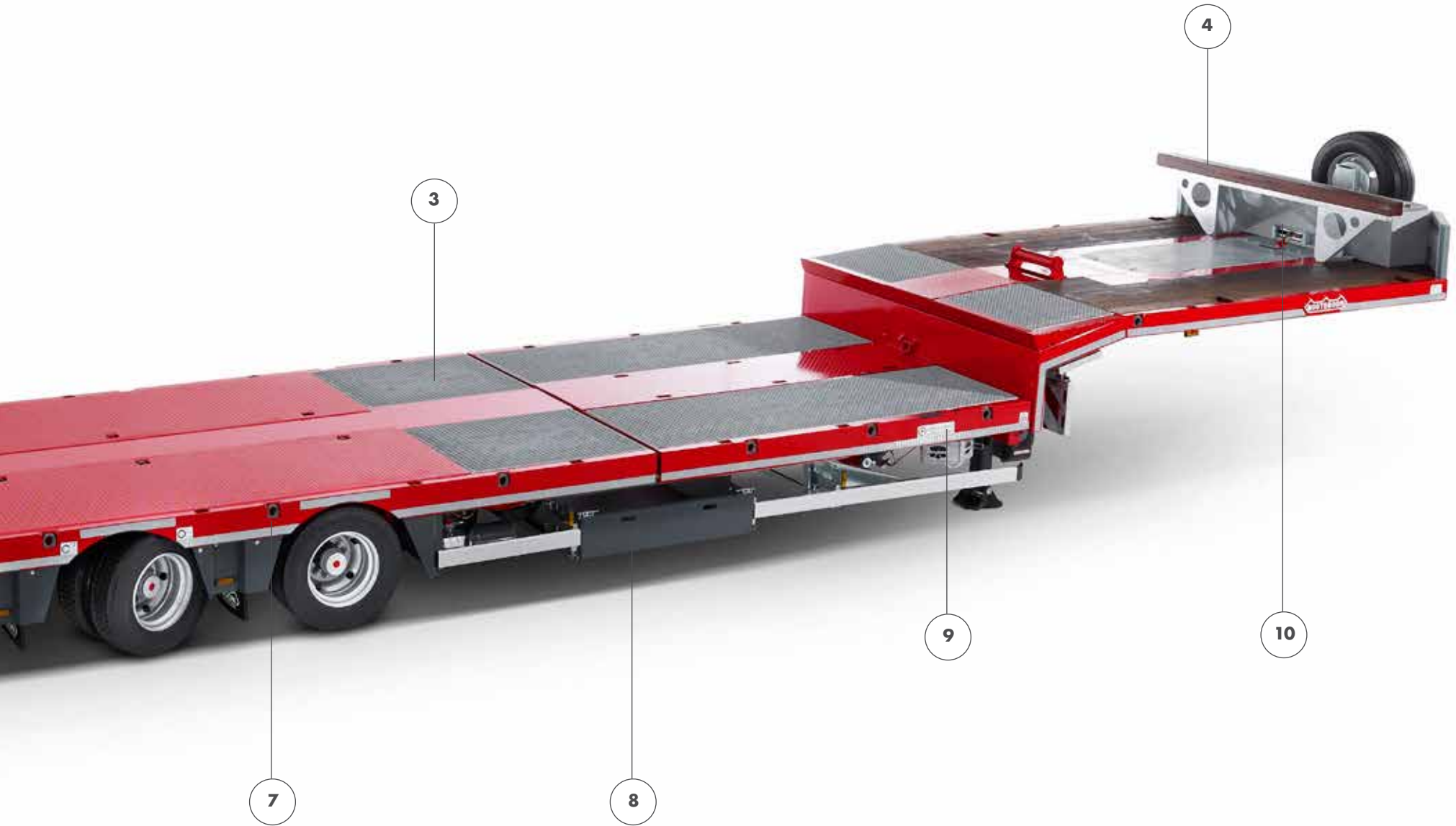
The Nootboom MCOS Multitrailer is available with 3 or 4 axles and hydraulic power steering. The trailers from this SMART programme are all top-quality vehicles, made with first-rate A-brand components only. The construction is extremely durable and the chassis is treated with a hot metal zinc spray as standard.

- Very low dead weight for maximum payload
- Excellent manoeuvrability due to hydraulic steering (45 degrees)
- Load floor height adjustable from 810 - 1030 mm
- Reliable, robust and durable
- Extremely strong chassis with excellent torsional stiffness
- Low maintenance costs and easy to maintain
- Highest residual value
- Excellent Return On Investment

- ① Hydraulic Folding ramps
- ② TÜV-certified lashing rings
- ③ Galvanised grid floor , also available with hardwood floor
- ④ Detachable boom carrier and toolbox protector
- ⑤ Landing legs
- ⑥ Hydraulically steered axles
- ⑦ TUV-certified lashing rings
- ⑧ Storage box
- ⑨ Hydraulic gooseneck ramp
- ⑩ Electric winch in the toolbox

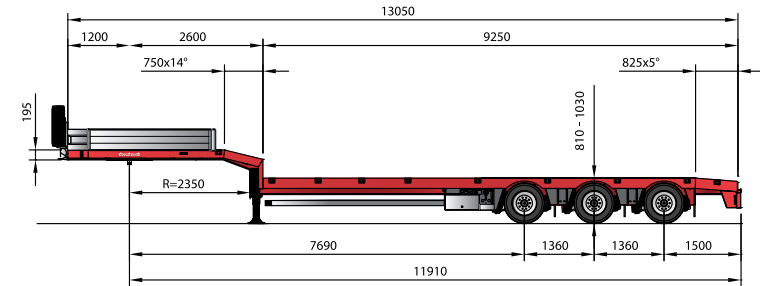


3-axle MCOS semi lowloader



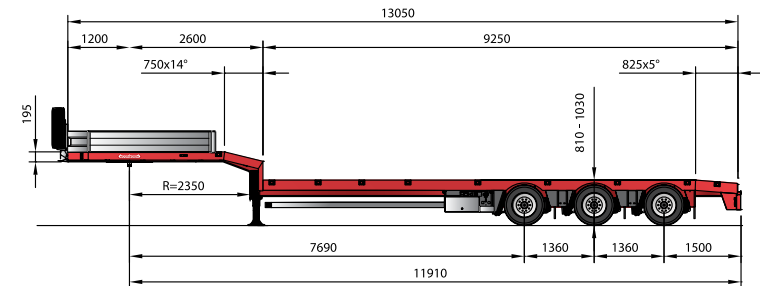


MCOS-41-03(EB)



	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	14.0T	3x9.0T	41.0T	9.1T	31.9T
§70	14.0T	3x9.0T	41.0T	9.1T	31.9T

MCOS-48-03(EB)

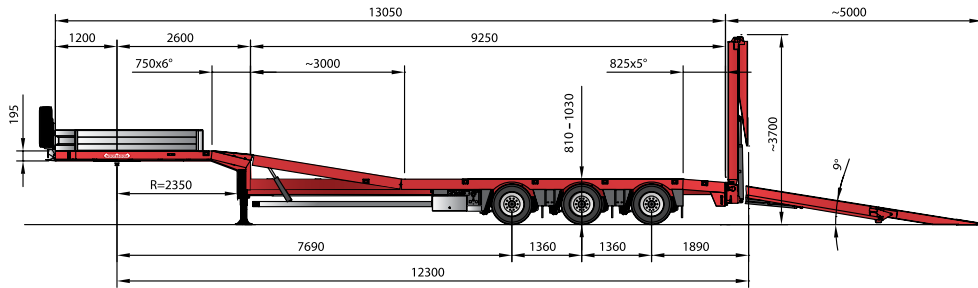


	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	18.0T	3x10.0T	48.0T	9.5T	38.5T
§70	18.0T	3x10.0T	48.0T	9.5T	38.5T

*GVW=Gross Vehicle Weight

Weights depending on version.

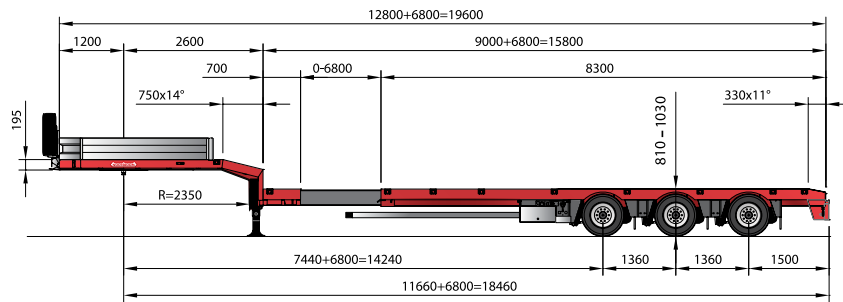
MCOS-48-03(EB) Acces Platform



	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	18.0T	3x10.0T	48.0T	12.7T	35.3T
§70	18.0T	3x10.0T	48.0T	12.7T	35.3T



MCOS-48-03V



	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	18.0T	3x10.0T	48.0T	11.0T	37.0T
§70	18.0T	3x10.0T	48.0T	11.0T	37.0T

*GVW=Gross Vehicle Weight
Weights depending on version.



- ① Hook-on ramps width adjustment
- ② TÜV-certified lashing rings
- ③ Hardwood floor
- ④ Width adjustment
- ⑤ Hella easycon illumination system
- ⑥ Ferry rings
- ⑦ Hydraulically steered axles
- ⑧ Storage box
- ⑨ Extendible load floor
- ⑩ Detachable aluminium boards

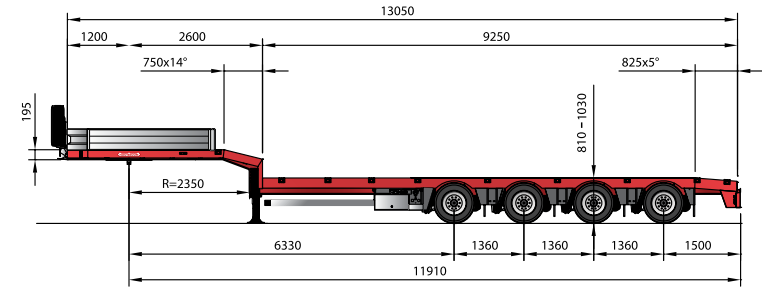


4-axle MCOS semi lowloader



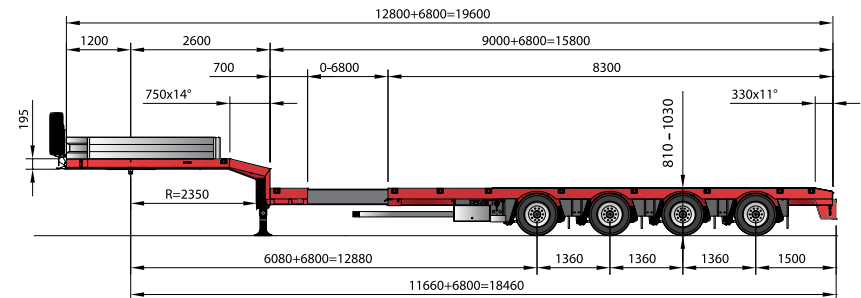


MCOS-58-04(EB)



	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	18.0T	4x10.0T	58.0T	11.5T	46.5T
§70	18.0T	4x10.0T	58.0T	11.5T	46.5T

MCOS-58-04V



	Fifth wheel	Rear axles	GVW*	Deadweight	Payload
80km/h	18.0T	4x10.0T	58.0T	12.5T	45.5T
§70	18.0T	4x10.0T	58.0T	12.5T	45.5T

*GVW=Gross Vehicle Weight
Weights depending on version.





LOADING RAMPS PROGRAMME

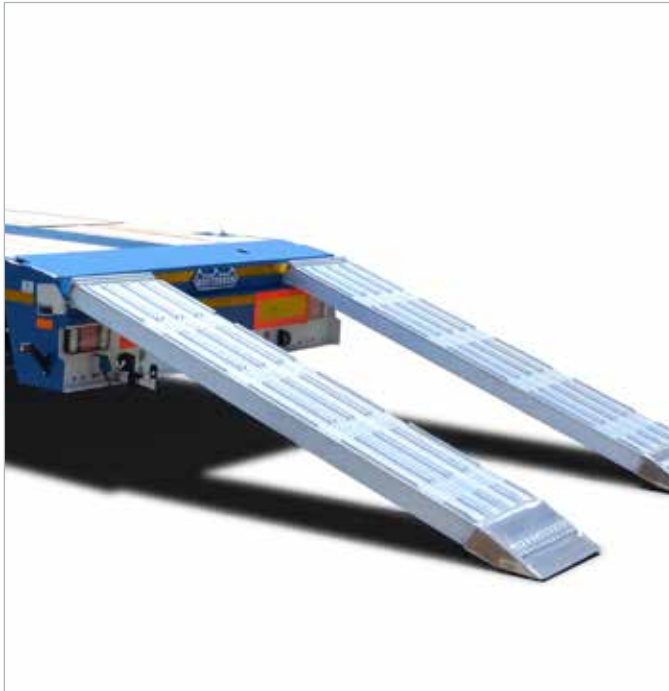
In order to ensure that loading/unloading is as efficient and safe as possible, Nootboom has a wide range of ramps to choose from. The program includes ramps of various lengths, widths, capacities and performance. When lowered, the hydraulic ramps and load floor fit together seamlessly.

HYDRAULIC 3-METRE RAMPS

The 3-metre hydraulic ramp has an angle of inclination of approx. 15 degrees, providing easy access for virtually all machinery such as excavators and dumpers.

HYDRAULIC FOLDING RAMPS

The automatic hydraulic folding ramps are available in 2 lengths. The 4m long, automatic folding ramps have an angle of inclination of approx. 11 degrees. The 5m long folding ramps have an angle of inclination of just 9 degrees, which makes it even easier to drive the load on and off the trailer.



ALUMINIUM HOOK-ON RAMPS

Aluminium hook-on ramps can be an excellent alternative if the ramps are only occasionally used for loading the trailer. The angle of inclination of these 2400 mm aluminium ramps is approx. 18 degrees. The use of aluminium ramps reduces the dead weight and makes it easier to overhang the load at the rear.



HYDRAULIC GOOSENECK RAMP

For easy loading of machinery onto the gooseneck, the semi-loader can be equipped with a hydraulic gooseneck ramp. This ramp is available with a galvanized grid floor or a hardwood floor.



OPERATION RAMPS

The controls of the ramps are located on the left and right-hand side of the trailer, next to the ramps. This makes it easy to choose the safest and clearest situation when operating the ramps. With the control unit the ramps as well as the width adjustment can be operated.



HYDRAULICALLY STEERED AXLES

The new MCOS semi low-loaders are equipped with hydraulically steered axles. Due to the maximum steering angle of 45 degrees, these semi low-loaders offer more transport efficiency, reduced tyre wear and excellent manoeuvrability.



CENTRAL CONTROL UNIT

The central control unit of the MCOS semi low-loader is located under the load floor. In this central unit all functions and hydraulic components are grouped together, including the air suspension raising/lowering function, parking brake and axle load pressure gauge.



WIDTH ENLARGEMENT

The load floor has a standard width of 2520 mm and can be enlarged in width to 3020 mm by means of sliding outriggers. These 'heavy duty' galvanised outriggers are integrated in both side rails of the load floor. Special hardwood bolsters can be fitted between the outriggers.



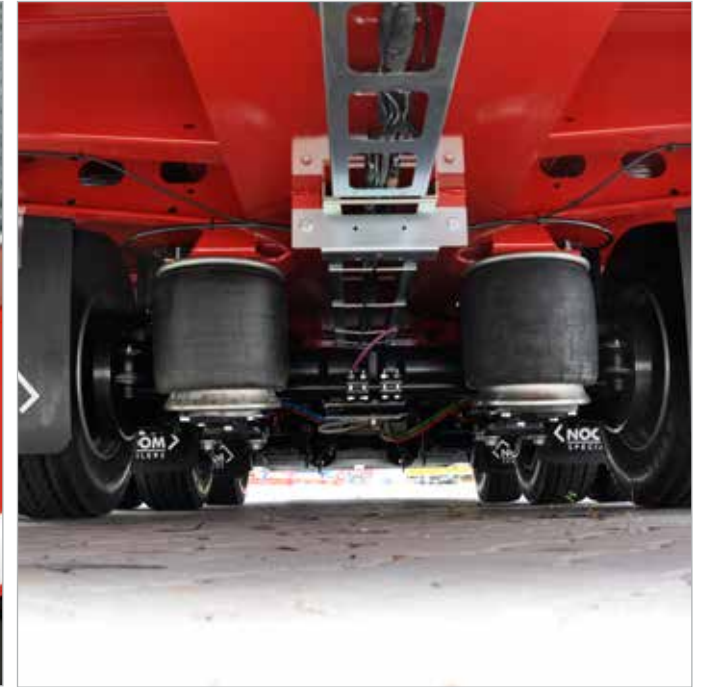
STORAGE BOX AND TOOLBOX

To safely stow the width enlargement bolsters, stakes, aluminium ramps or loose materials, a variety of storage solutions is available. Ranging from a compact, lockable toolbox or open storage box underneath the load floor to a large lockable toolbox on the gooseneck.



TÜV-CERTIFIED LASHING RINGS

To safely secure the load the MCOS semi low-loaders are fully equipped with 'heavy duty' TÜV-certified lashing rings. With these lashing rings Nootboom has set a new world standard. They comply with the international legal regulations and the load can be properly secured in all directions.



SUSPENSION & EBS BRAKE SYSTEM

The MCOS semi low-loaders are equipped with a Wabco EBS brake system, complete with ALR, ABS and RSS. With the Weweler air suspension system the load floor can be raised or lowered, with a total vertical travel of 220 mm.





**HIGH QUALITY
STANDARD**

HIGH QUALITY STANDARD

Nooteboom never compromises on quality, that's why we only use top-quality materials and certified components made by A-brands. Nooteboom trailers are the most reliable with an extremely advantageous price/quality ratio. And what's more, Nooteboom vehicles have a very high residual value.

CONSERVATION

After the construction phase the entire chassis is blasted, followed by thermal spraying. Then a flexible primer is sprayed onto the chassis in two separate layers and finished with a 2K top coat in a colour chosen by the customer. At that point, and not before, the various components are installed.

PARTS

Nooteboom has been using original parts for many years and details of all vehicles are kept on file. At our logistics centre in Wijchen we have over 4000 articles in stock. All parts can be distributed worldwide and within Europe we can deliver in 24 hours.

SERVICE

The professional team of Nooteboom Trailer Service will be happy to give you advice about preventive maintenance, maintenance intervals and accessories. In this way we help you to prevent unexpected and expensive (both in money and time) malfunctions and down-time. Throughout Europe Nooteboom has a network of specialist service centres, mobile service units and authorized service partners.







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Gets you there.