

Car transport trailer

„Rheine“

Completely galvanized

The passenger car transport trailer "Rheine" is a **completely galvanized air braked central axle trailer with superstructured wheels. The length of the cargo area is 8.5 m to 10 m** and can be adjusted to your requirements. The outer width of the trailer is 2.55 m. The track between the outer frame is 2.45 m wide. The trailer is available in several basic designs:



1. „Rheine 45/90L“

Gross vehicle weight 5500 kg, payload approx. 3000 kg, **9 t - flat-bed single axle with maintenance-free SKF compact bearings**, air suspension with lifting and lowering, cargo area 8.5 to 10 m x 2.55 m, loading height approx. 800 mm, tyre equipment 205/65R 17.5 twin. The trailer has a permissible axle load of 4.5 t and is suitable for use in a 12 t - truck trailer in combination with a 7.5 t - truck. 12 t – truck trailers are **exempt from paying motorway truck toll in Germany.**

2. „Rheine 87L“

Gross vehicle weight 9500 kg, payload approx. 6000 kg, **couple of 5.5 t - flat-bed axles**, air suspension with lifting and lowering, cargo area 8.5 to 10 m x 2.55 m, loading height approx. 875 mm, tyre equipment 215/75R 17.5 single. The trailer can be equipped with a hydraulic piling platform and is with it **suitable for transporting 3 passenger cars, 3 SUVs or 2 panel vans.**

3. „Rheine 109L“

Gross vehicle weight 11900 kg, payload approx. 7500 kg, **couple of 5.5 t - flat-bed axles**, air suspension with lifting and lowering, cargo area 8.5 to 10 m x 2.55 m, loading height approx. 880 mm, tyre equipment 235/75R 17.5 single. The trailer can be equipped with a hydraulic piling platform and is with it **suitable for transporting 3 passenger cars, 3 SUVs or 2 panel vans.**

4. „Rheine 110L“

Gross vehicle weight 12000 kg, payload approx. 7500 kg, **couple of 5.5 t - flat-bed axles**, air suspension with lifting and lowering, cargo area 8.5 to 10 m x 2.55 m, loading height approx. 800 mm, tyre equipment 205/65R 17.5 twin. The trailer can be equipped with one or two hydraulic piling platforms and is with it **suitable for transporting up until 4 passenger cars, 4 SUVs or 2 panel vans.**

5. „Rheine 160L“

Gross vehicle weight 16000 kg, payload approx. 10000 kg, **couple of 9 t - flat-bed axles with maintenance-free SKF compact bearings**, air suspension with lifting and lowering, cargo area 8.5 to 10 m x 2.55 m, loading height



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approx. 835 mm, tyre equipment 215/75R 17.5 twin. The trailer can be equipped with one or two hydraulic piling platforms and is with it **suitable for transporting up until 4 passenger cars, 4 SUVs or 2 panel vans.**

The trailer can be **normally or close coupled**. If it is close coupled, there remains between truck and trailer only a distance of 700 mm. This slight distance is bridged using two special-purpose semi-circular interlocking plates which need not be removed during the journey and which **can be driven over straight for loading.**

Normal coupling results in a distance of approx. 1400 mm which can be bridged by the truck's drive-on ramps for loading.

Technical data:

Towing equipment: Robust tubing drawbar, allows a turning angle of up until 90 degrees for the trailer so that the truck **can be loaded directly without uncoupling. (Hydraulically extendable for a surcharge)**

Brakes: EG – EBS - air brakes with **WABCO braking devices** (disk brakes optional, only for Rheine 87, 109 and 110)

Lightning system: In compliance with the road traffic regulations. **Rear lights** are installed in the light bank to provide **all-round protection.**

Cargo area: The cargo area will be surfaced with **punched sheet tracks** made of aluminium or galvanized steel. The tracks remain open in the middle or can, on request, be closed with corrugated sheet of aluminium or galvanized steel.

Drive - on ramps: The vehicle is equipped with two **aluminium drive-on ramps** which are **installed at the rear of the trailer.** When inserted the ramps are mechanically arrested and also prevented from rattling. The arrestment holds both ramps simultaneously and is operated centrally either from the left or the right side of the vehicle.

Paintwork: **The trailer is completely galvanized.** The visible parts are additionally painted with **high-performance two-component acrylic-based paint** in the colour requested.

Vehicle documents: The vehicle is delivered complete with TÜV (MOT) approval and with the required vehicle documents.

Optional equipment:

- WABCO "Duo-Matic" quick coupling,
- WABCO "ECAS" or "ELM" air suspension system, truck cab-operated,
- Disk brakes (only for Rheine 87, 109 and 110),
- Piling ramps, pluggable,
- Piling platform, hydraulically,
- Slide-out back, can be pushed out hydraulically to 1.5 m,
- V-slide-out drawbar, can be pushed out hydraulically to 1.3 m,
- Cargo area cranked forward and pneumatically lowerable at the rear for loading box-van – trucks,
- Protection rollers at the rearpant of trailer,
- Visible parts with metallic paintwork,

