

Car transport semitrailer

„Bielefeld“

Completely galvanized



The passenger car transport semitrailer "Bielefeld" is a **completely galvanized air braked semitrailer with superstructured wheels**, which is available in several basic designs:



1. „Bielefeld 45L“

Gross vehicle weight 8,000 kg, payload approx. 4,000 kg, **9 t - flat-bed single axle with maintenance-free SKF compact bearings**, air suspension with lifting and lowering, cargo area 12 m x 2.55 m, loading height in front approx. 1,200 mm, behind approx. 800 mm, coupling height approx. 1100 mm, tyre equipment 205/65R 17.5 twin. The semitrailer has a permissible axle load of 4.5 t and is suitable for use in a 12 t – tractor-trailer in combination with a 7.5 t - tractor. 12 t – tractor-trailers are **exempt from paying motorway truck toll in Germany**.

2. „Bielefeld 110L“

Gross vehicle weight 14,500 kg, payload approx. 8,500 kg, **couple of 5.5 t - flat-bed axles**, air suspension with lifting and lowering, cargo area 13.5 x 2.55 m, loading height in front approx. 1,200 mm, in the rear approx. 800 mm, coupling height approx. 1,100 mm, tyre equipment 205/65R 17.5 twin. The semitrailer is equipped with a hydraulic piling platform and with it **suitable for transporting 4 passenger cars, 4 SUVs or 2 panel vans**.

3. „Bielefeld 120LK - closed“

Gross vehicle weight 18,000 kg, payload approx. 9,000 kg, **couple of 9 t - flat-bed axles**, air suspension with lifting and lowering, cargo area inside 13.95 m x 2.505 m, loading height in front approx. 2,820 mm, behind 3,250 mm, tyre equipment 205/65R 17.5 twin.

The semitrailer is equipped with a **plywood box body** and with it **suitable for hidden transport of 4 passenger cars, 4 SUVs or 2 panel vans**. For loading and unloading serves a hydraulically operated tailgate made of high-tensile aluminium alloy. To make the loading procedure as comfortable as possible, the body is provided with by twos



double wing side doors on the left and on the right. The tailgate and all doors are **lockable**.

4. "Bielefeld 160LK - closed"

Gross vehicle weight 22,000 kg, payload approx. 12,000 kg, **3 pieces of 9 t - flat-bed axles**, air suspension with lifting and lowering, cargo area inside 13.95 m x 2.505 m, loading height in front approx. 2,820 mm, in the rear 3,250 mm, tyre equipment 205/65R 17.5 twin.

The semitrailer is equipped with a **plywood box body** and with it **suitable for hidden transport of 4 passenger cars, 4 SUVs or 2 panel vans**. For loading and unloading serves a hydraulically operated tailgate made of high-tensile aluminium alloy. To make the loading procedure as comfortable as possible, the body is provided with by twos double wing side doors on the left and on the right. The tailgate and all doors are **lockable**.

Technical data:

- Chassis frame: Is made of robust H-beams with high tensile strength and welded on cross members.
- Brakes: EG – EBS - air brakes with **WABCO braking devices** (disk brakes optional, only for 5.5 t axles)
- 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 checker sheet of aluminium or galvanized steel.
- Drive - on ramps: The Bielefeld 45L and the Bielefeld 110L are 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. The Bielefeld 120LK and the Bielefeld 160LK with box body are provided with a **lockable hydraulic tailgate**.
- Paintwork: **The semitrailer is completely galvanized**. The visible parts are additionally painted with **high-performance two-component acrylic-based paint** in the colour requested. The box body is painted with **high-performance two-component acrylic-based paint** in the colour requested, too.
- 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 5.5 t axles),
 - Piling ramps, pluggable,
 - Slide-out back, can be pushed out hydraulically to 1.5 m,
 - Protection rollers at the rear part of trailer,
 - Visible parts with metallic paintwork,