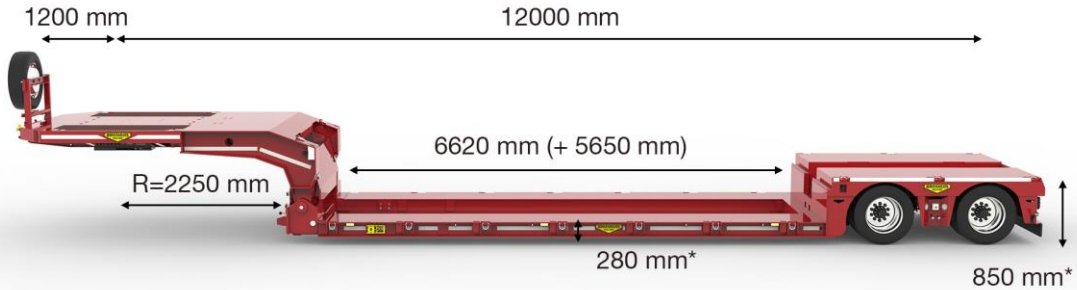


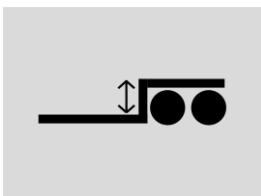
**Trailer specifications**

**Dimensions and weights**



Weights in kg	Netherlands		Germany		England	
	C & U	Special types	C & U	Special types	C & U	Special types
Maximum fifth wheel load	23000	23000	23000	23000	23000	23000
Maximum bogie load	18000	18000	18000	24000	16000	28000
<b>Gross load capacity</b>	41000	41000	41000	47000	39000	51000
Tare weight, app.	13500	13500	13500	13500	13500	13500
<b>Net load capacity, app.</b>	27500	27500	27500	33500	25500	37500

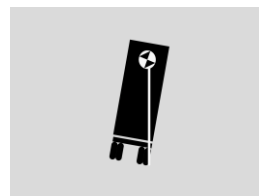
**Your benefits**



**More overhang  
space shorter trailer**



**Great steering angle  
of 57°**



**Greater stability**



**Transport of 30 ft  
and 40 ft containers**

## Neck

- The hydraulic pivoting neck height is 290 mm and suitable for 23T fifth wheel pressure
- Front extension 1200 mm. Chamfered corners at front 400x400 mm
- Fifth wheel height 1250 mm
- Neck width 2530 mm
- Rear swing clearance 2250 mm
- Hard wood floor of 28 mm thick
- 2" Kingpin, fitted under a ball bearing turntable. The turntable is connected to two double action hydraulic steering rams. Holder is suitable for mounting a 3,5" kingpin
- A hydraulic stinger is provided with 2 separate operable cylinders to support the neck whilst removing the gooseneck. Cylinders 1100 mm from Kingpin.
- 10T certified lashing rings (max. Load 5T) . According NEN12640 TÜV Certificate
- 32 mm holes in the side raves, to use as lashing point
- Divided at the side raves of the neck, dim. 96x66x6mm, suitable for stakes of 81x51mm
- Spare wheel carrier at front of the gooseneck. Suitable for one spare wheel.
- Alu cover plate placed in the floor between the beams of the neck

## Floor

- 1x extendible
- Bed height 270 mm (loaded). Beam height 200 mm.
- With main beams of high tensile steel
- Split at front side of the bed
- Width 2550 mm
- No floor fitted between the beams to increase loading area. The under flange is prepared for a detachable floor
- Preparation for swing-out outriggers in the outer spine
- All air and service lines are located in an energy chain within the central main beam. Resulting in improved ground clearance and reduced maintenance
- Retaining nuts M24 fitted to the inner beam suitable for 8 T lashing rings.
- 13.4T certified lashing rings divided in the side raves of the loading floor, placed every approx. 1.2 meter, according EN12650 with TÜV Certificate
- Rope hooks on each side of the trailer
- Container position for 1x 20 Ft (Container mountings are optional)
- Container position for 1x 30 Ft (Container mountings are optional)
- Container position for 1x 40 Ft (Container mountings are optional)

## Axle bogie

- Broshuis 12T axles

- Axle quantity: 2
- The patented SL2 suspension can be independently steered left and right. It combines a low ride height with a maximum steer angle of 57 degrees. The patented SL2 suspension can be driven at any ride height without any influence on the toe-in and toe-out. It has a travel of 360 mm (+290/-70 mm). The brake cylinders are relocated to give maximum possible protection with this latest design.
- Broshuis hydraulic steering system, consists of two fully independent circuits.
  - Butterfly section, with adjustable conical bearing, resulting in extremely low maintenance,
  - Adjustable steering rods, to correct axle alignment tracking to compensate for wear during the life of the trailer.
  - Air, electrical and hydraulic service lines are housed inside the central spine(s) in an energy chain
- 2 axles are steered
- Tyre Pressure Monitoring System according ECE R141
- Distance between axles is 1335 mm
- 10T certified lashing rings. According to EN12640, TÜV Certificate
- 32 mm holes in the side raves, to use as lashing point
- Width of loading area 2530 mm
- The left and right floor height can be operated separately. 2 LED indicators are installed to set the correct floor height. Operation from the neck.
- Manual override steering with 3kW electrical pump
- Electrical hydraulic override steering system, to allow the axles to steer independently of the tractor unit, by means of buttons. Butterfly section, with adjustable conical bearing, extremely low maintenance - adjustable steering rods, to correct axle alignment tracking to compensate for wear during the life of the trailer. Air, electrical and hydraulic service lines are housed inside the central spine(s) in an energy chain
- Two air line Wabco brake system, EC-approved design with an automatic load sensing device. Spring type chambers fitted to two axles for the hand brake. Incl. EBS
- An hydraulic pressure gauge is connected to the suspension for determining the axle loads
- Tyre brand to choice of Broshuis (Continental, Goodyear or comparable). 245/70 R17.5
- Steel rims, light grey
- A troughs in the centre of the lower deck for an excavator arm, width 410 mm. Not fully open at rear

## Lights

- Lights are complete in LED
- 1 pair of 3-chambers rear lights and LED side-marker lights. Conform EU-specifications
- One fog light
- 1 pair of reversing lights

- On each side at the neck and axle bogie a connector fitted with holder for extendible marker board lights
- Connector for over width marker board lights: 3 pin plug

### **Accessories**

- Spare wheel 1x
- Central Greasing level II with a pump. Brand of pump Bekamax
- EBS connector
- Connectors at the front: Dual 7 pin SAE plugs
- Air couplings palm type
- A 35mm<sup>2</sup> cable between truck and trailer for the use of any electrical power supply
- 24V power connector NATO
- Mudguard under the light bar
- The chassis is equipped with white reflective tape on sides and red reflective tape on the back

### **Paintwork**

- Metallized and finished in one colour. (non-metallic)
- After chassis assembly, the support brackets for valves, air tanks and pipe and wiring runs are fitted. The completed chassis is then shot blasted and immediately painted according to the Broshuis 2K paint system. The final fitting of all the components is carried out after the chassis has been through the preservation process

### **Permits**

- SERT-Document. Heavy transport permit for the Netherlands to increase axle loads