

ENGINEUITY
SINCE 1893



20 FT TANK CONTAINER CHASSIS
FACELIFT PRODUCT SERIES PRESENTATION



ENGINEUITY, SINCE 1893





PRODUCT SERIES

KÄSSBOHRER CONTAINER CHASSIS SERIES



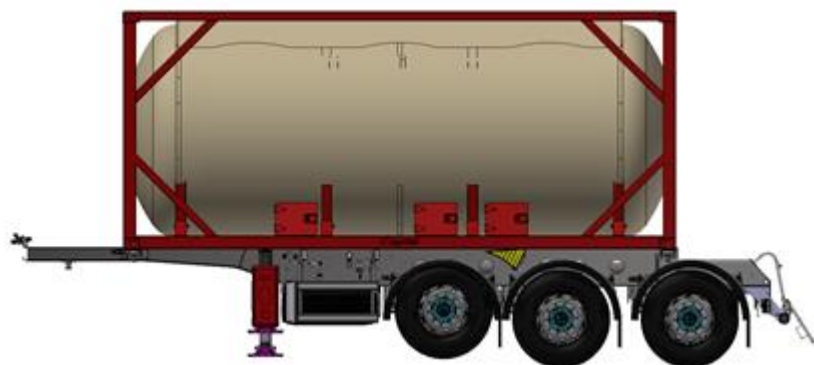
PRODUCT SERIES

SUPERIOR TANK CONTAINER TRANSPORTATION

- Kässbohrer brought its expertise in engineering semi-trailers for the safe transport of dangerous chemical goods into the design of tank container chassis K.SHF T. Kässbohrer tank container chassis **compiles fully with the ADR regulation** with the **highest equipment standards**.
- Made of high strength **S700 MC** steel, K.SHF T is extremely robust, but eminently light, with a **tare weight of only 3.250 kg**.
- K.SHF T is suitable to carry 20 ft **containers as well as ISO** and 7.150 mm, 7.450 mm, 7.820 mm swap bodies.
- Thanks to it's new design, New K.SHF T ensures to carry ISO tank containers **with features such as pumps and valve**.
- SHF.T has **patented X-cross members** enhance the flexibility of the vehicle, by this future SHF.T **chassis has less stress** level.



PRODUCT SERIES FACELIFT TANK CONTAINER CHASSIS



OLD



NEW



CONTENT

1. PRODUCT SERIES AND TERMINOLOGY
2. TECHNICAL SPECIFICATIONS
3. IMPROVEMENTS
4. KEY FEATURES
5. PRODUCT CONFIGURATION



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1. **PRODUCT SERIES AND TERMINOLOGY**
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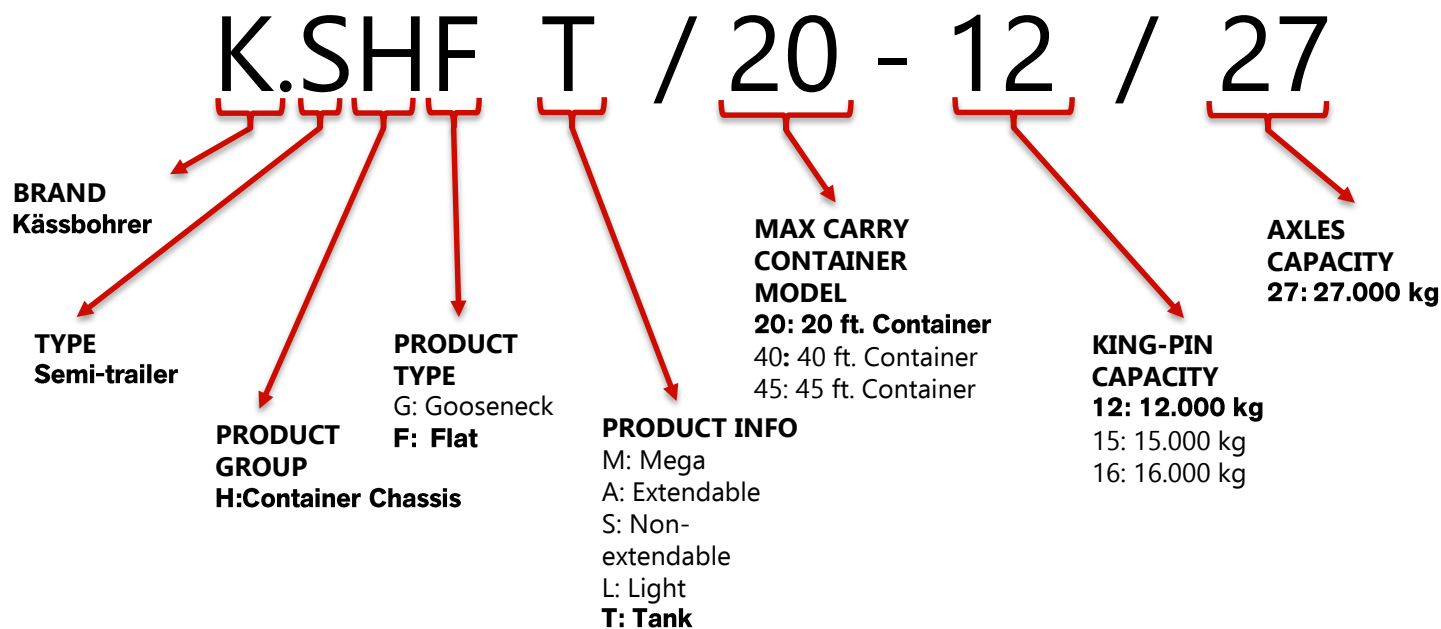
PRODUCT SERIES

CONTAINER CHASSIS PRODUCT RANGE

FLAT CONTAINER CHASSIS		GOOSENECK CONTAINER CHASSIS			
		NON-EXTENDABLE		EXTENDABLE	
SHF / 20 - 12 / 27	SHF T / 20 - 12 / 27	SHG DRL 40 - 15 / 24	SHG LS / 45 - 12 / 27	SHG AH / 40 - 12 / 27	SHG AVH / 45 - 12 / 27
SHF / 40 - 12 / 27	SHF / 45 - 12 / 27	SHG S / 40 - 12 / 27	SHG L / 45 - 15 / 27	SHG.AVMH / 45 - 16 / 27	SHG.AMH / 40 - 16 / 27

PRODUCT TERMINOLOGY

PRODUCT CODING SYSTEM



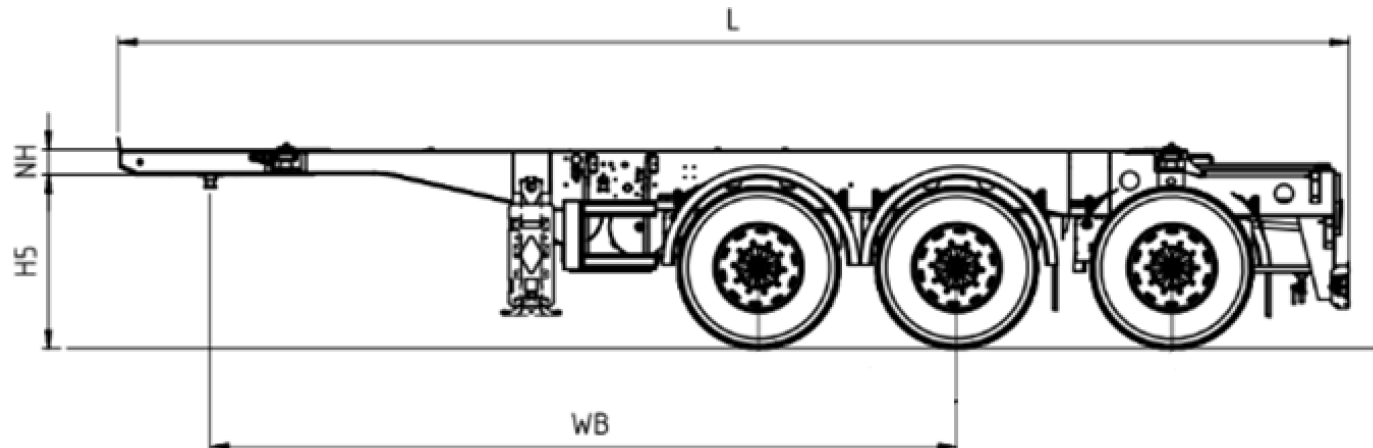


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K.SHF T / 20 – 12 / 27

TECHNICAL SPECIFICATIONS



1- Total Length (L)

8.130 mm

2- Wheel Base (WB)

4.950 mm

3- Neck Height (NH)

170 mm

4- 5th Wheel Height (H5)

1.150 mm

5- Total Width (W)

2.550 mm

6- Technical King Pin Load

12.000 kg

7- Tires

385/65 R22.5 Tires

8- Tare Weight ($\pm 3\%$)

3.250 kg

9- Total Weight

39.000 kg

10- Payload

35.750 kg



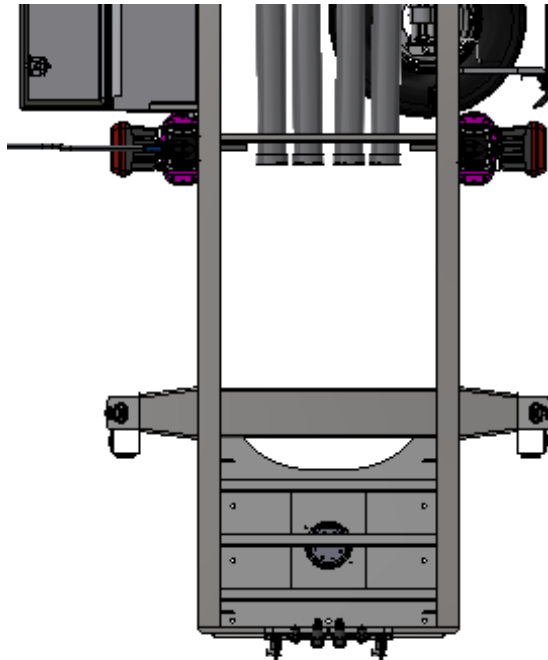
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IMPROVEMENTS

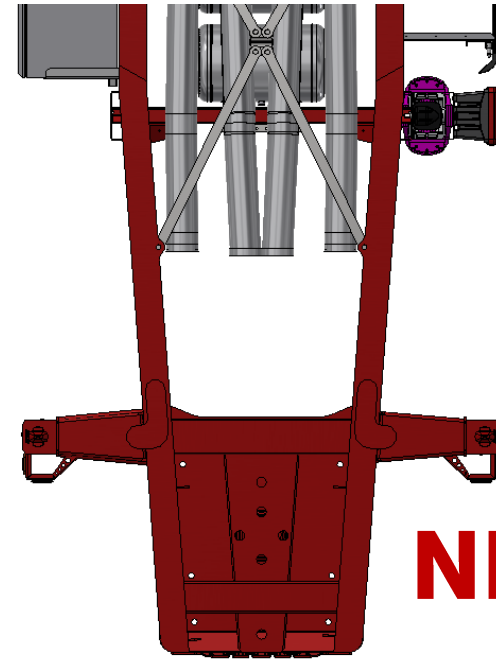
GOOSENECK AREA

Gooseneck area width is the same with the chassis width



OLD

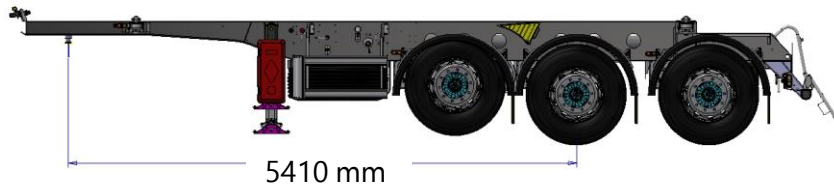
Gooseneck area width **gets narrower** starting from mechanical leg area towards to the king pin area.



NEW

IMPROVEMENTS WHEELBASE

Wheelbase in old version was 5.410 mm



OLD

Maneuverability is enhanced with shorter wheelbase, that is 4950 mm.



NEW

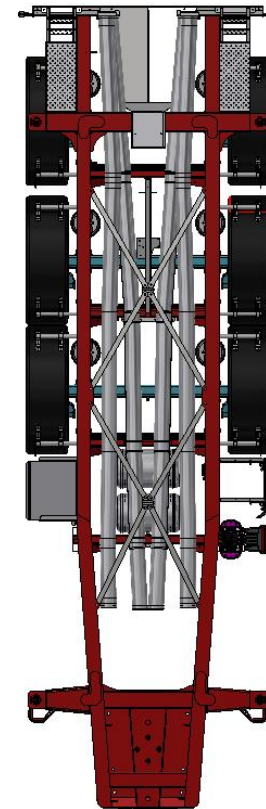
IMPROVEMENTS HOSE CARRIER

4 units of **5** meter long hose carrier
with a diameter of 160 mm



OLD

4 units of **6 meter** long hose carrier
with a diameter of 160 mm

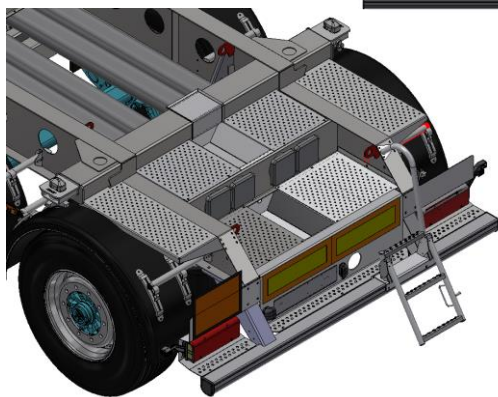
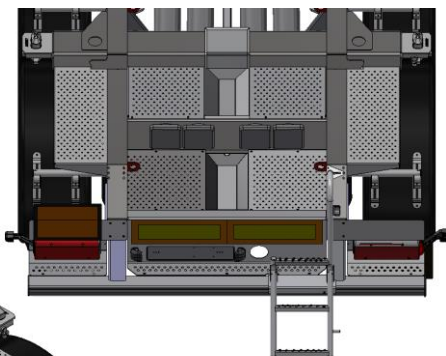


NEW

IMPROVEMENTS

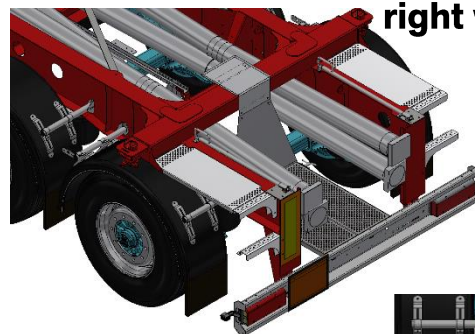
DRAINAGE SINK

Rear drainage sink is designed in 2 levels, upside level does not allow ISO containers with pumps and valves to be carried out because of insufficient space

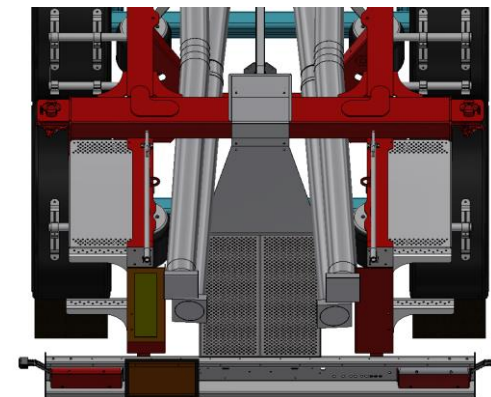


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Rear drainage sink is now **designed as customer's new standards**, allowing ISO containers **with pumps and valves to be carried**. **Left and right walking platforms will be available via option**

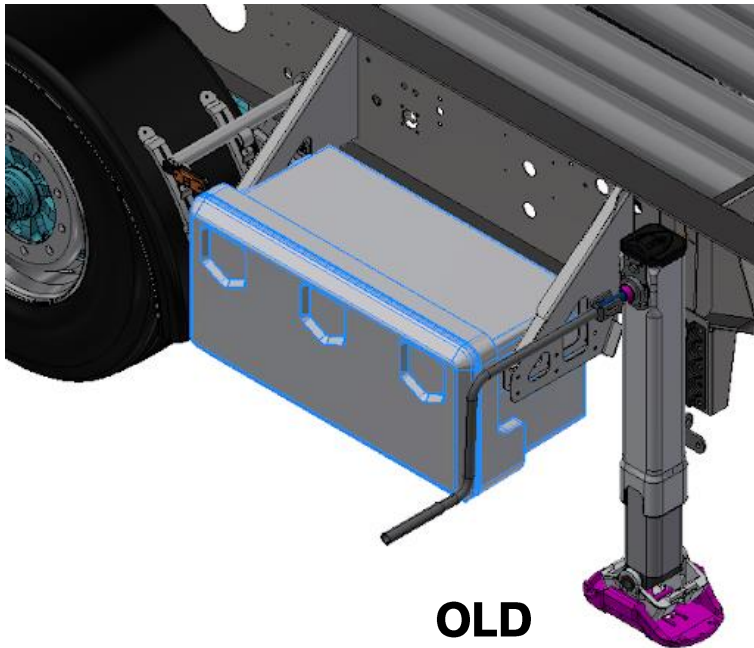


NEW

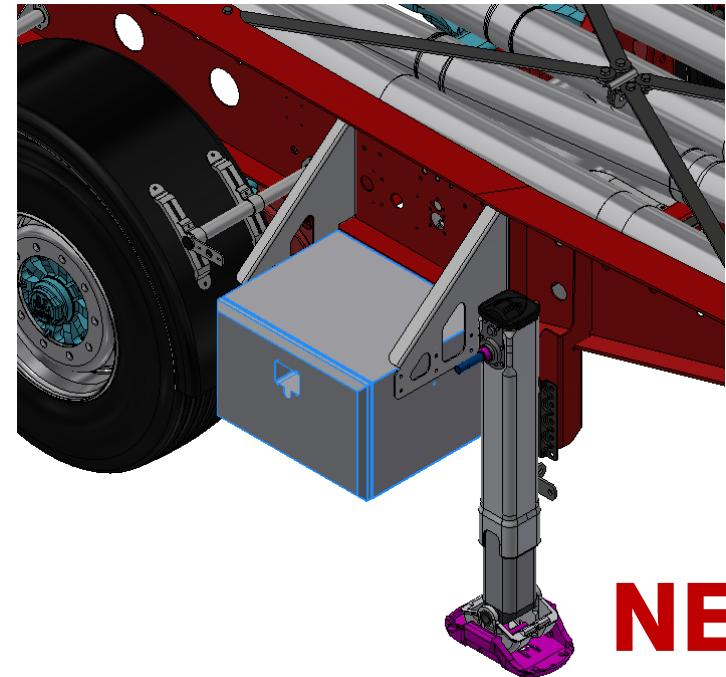


IMPROVEMENTS ACCESSORIES

1.000 mm plastic toolbox as an option



600 mm plastic toolbox as an option





CONTENT

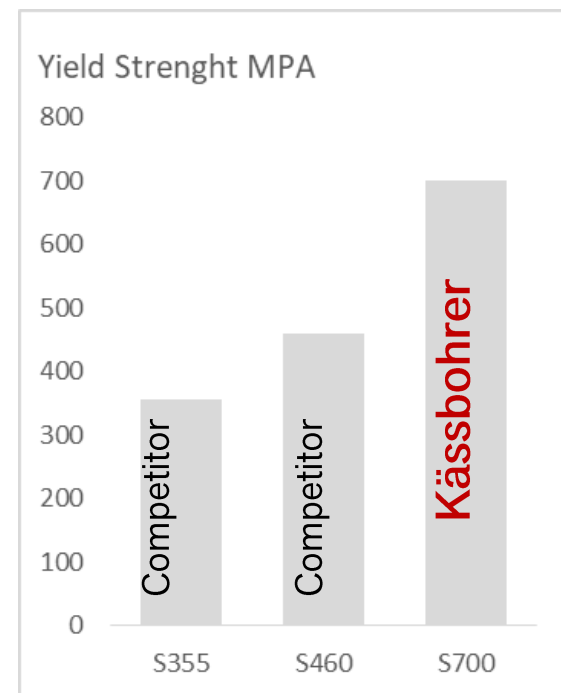
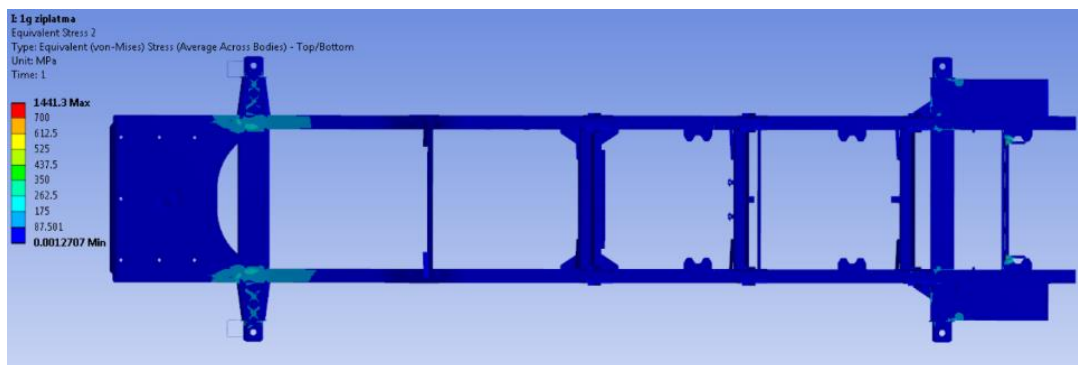
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KEY FEATURES

ACCLAIMED ROBUST CHASSIS WITH HIGH PAYLOAD CAPACITY

The extra high strength steel grades are used in applications such as truck/trailer chassis, cranes and earthmoving machines. In these applications, the high **strength of the steels** is used to save weight and/or to increase the payload.

As a result of this, formability of the steels and the total costs is reduced



KEY FEATURES

10 YEARS WARRANTY AGAINST RUST PERFORATION

- **Cataphoretic coating (KTL)**
application to chassis frame to withstand adverse weather conditions and tough road conditions.
- Zinc-phosphate tri-electron cataphoretic coating provides **protection against rust perforation.**
- **KTL is standard** for all Kässbohrer container chassis product series.





KEY FEATURES

LIGHTNESS

K.SHF T is engineered to combine low weight and **maximum strength** with outstanding drive quality. Kässbohrer's **light chassis** technology reduces its tare weight below **3.250 kg**, allowing **higher payload** and **lower fuel consumption**.

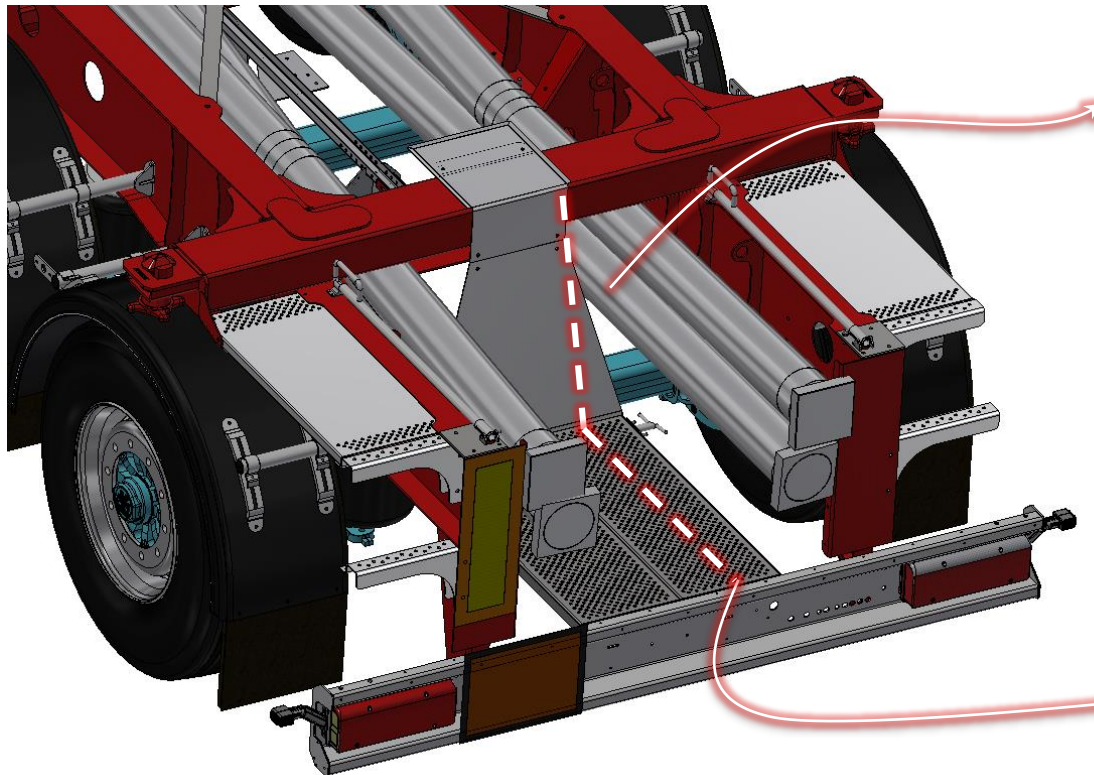


3.250 kg



KEY FEATURES

DRAINAGE SINK



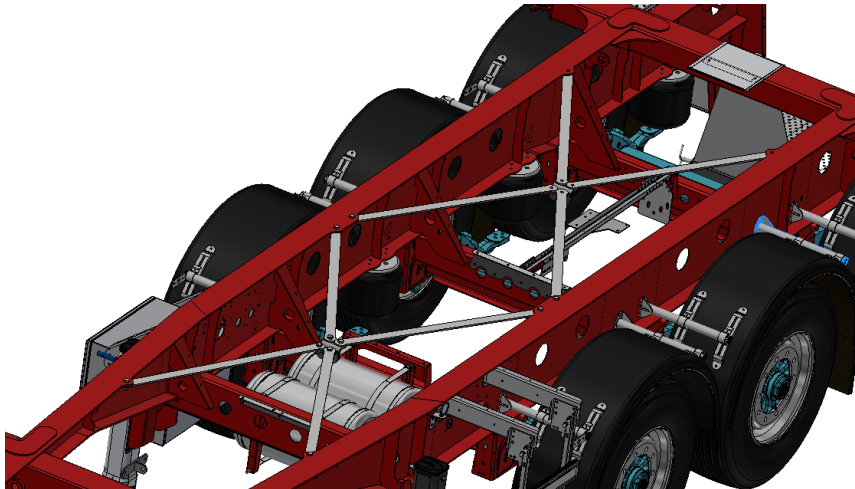
760 mm
drainage sink
height from tank

1060 mm
drainage sink
length

Rear drainage sink design allows **ISO containers with pumps and valves** to be carried. Aligned steel part between the upper and lower area of the sink ensures the drainage to spill safely.

KEY FEATURES

PATENTED X-CROSS



Patented X – Cross members enhances the **flexibility** of the vehicle, allowing the operation to be handled even in roughest road conditions. **Elastic material** between the parts and the **bolted design** allows ease of service.



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PRODUCT SERIES

STANDARD CONFIGURATION

Axle and Suspension

3 x BPW EAC Ecoplus 3 axles, 9 ton technical capacity, air suspension and 370 mm diameter disc brakes for 22.5" tyres

Brake System

Dual circuit electro-pneumatic WABCO brand EBS 2S/2M brake system with anti-lock (ABS) and tilt control system (RSS) in compliance with Regulation UN ECE R13

Electrical System

ASPÖCK Europoint III lightning installation with 24V LED side position lamp and 2 x 7 and 1 x 15 pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation

Tyres and Rims

6 units 385/65 R 22.5 tyres, Alux Machine Finish (Matte) 120 mm offset Alu. rims for disc brake axle, for 22,5" tyres, tyre brand : EU premium brands.



PRODUCT SERIES

STANDARD CONFIGURATION

Chassis

Made of high quality and high strength S700 MC steel, in compliance with Standard ISO 1726-2 ; Made of two welded longitudinal beams in "I" form with cross beams at needed distances. Reinforced with KTL protection. Patented X – Cross members enhances the flexibility of the vehicle, allowing the operation to be handled even in roughest road conditions.

Drainage Sink

1.160 mm long open back pool, from bumper to the twistlocks. Lateral protection device made of aluminium profiles can be swivelled upwards according to UN ECE R73

Container Locks

2 x 2 Container locks suitable to carry 20 ft. iso tank containers with the tank diameters ranging from 6.060 mm to 7.820 mm



PRODUCT SERIES

STANDARD CONFIGURATION

Hosecarrier

2 units of 6 meter long hose carrier with a diameter of 160 mm

King-Pin Capacity

JOST king-pin with 12 ton capacity

Landing Gear

JOST 24 ton mechanical landing gear, 2 speeds

Standard Accessories

Underrun protection, rear reflectors, wheel chocks, anti-spray mudguards, manometer, 1 unit of fire extinguisher box, 1 unit of ADR plate



PRODUCT SERIES

OPTIONAL FEATURES

Options

- 1st axle lifting with driving assistance from truck or trailer
- 385/55 R22.5 tires with 1150 mm 5th wheel height
- Electronic Controlled Air Suspension (Ecas)
- BPW hubodometer mounted on the 2nd axle
- None / 1 / 3 / 4 x 160DN Hose carrier 6000 mm
- 1 x Plastic Tool Box
- Cylindrical document holder
- 2 LED working lamps on the rear side.
- Left and right walking platforms
- Fire extinguisher box



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THANK YOU FOR YOUR ATTENTION