



K.SSL 35 FAST OPERATING NON-TIPPING SILO BY KÄSSBOHRER

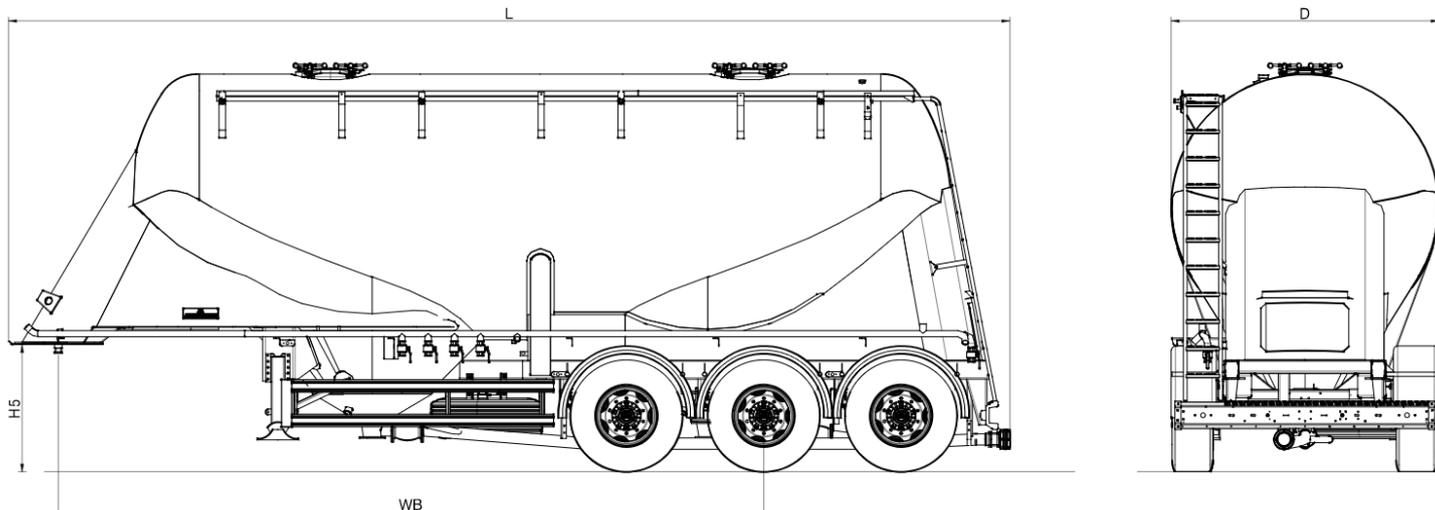
Kässbohrer offers the optimum payload capacity with K.SSL 35, 35 m³ non-tipping silos, for the most efficient transportation and discharge of low density materials.

Thanks to Kässbohrer's proven box shape frame, K.SSL 35 has the best lateral inclination performance and center of gravity which results in high maneuver capability even in the toughest working conditions.

Depending on the on-site working conditions, K.SSL 35 is offered with several discharge solutions such as individual discharging per cone at left or right, single discharging at both sides or discharge from the rear side. K.SSL 35 can also have separation wall in the tanker, different amount of filling dome options and pneumatic filling necks.



SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Aluminum extrusion profile frame, welded inside the support console (Welded Construction)
Brake System	There is a dual-circuit electro-pneumatic braking system with EBS 2S / 2M antiblocking system suitable for UN ECE R13
Axle Brand	Equipped with BPW branded 3 air suspension axles with 9 ton permissible load capacity each
Electric System	ASPÖCK lightning installation with 24 V LED side position lamp and 2x7 and 1x15-pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation
Tyre Size	Tyre size 385/65 R 22.5"
Number Of Compartments	1 Compartment
Manhole Number	2 x DN450 Pressure Type Domes
Discharge Type	Discharge type from the rear
Hose Carrier	2 x DN 200 size 5 m. for two hoses with rear cover;

TECHNICAL DATA

Fifth Wheel Height (H5)	1.220 mm
Tank Diameter (D)	2.550 mm
Wheelbase (WB)	6.730 mm
External Length (L)	9.670 mm
Volume	35,0 m ³
Tare Weight ±%3	4.515 kg
Operation Temperature °C	-20/80°C
Test Pressure (Bar)	3,0 bar
Operation Pressure (Bar)	2,0 bar

TECHNICAL CAPACITIES

Gross Weight	39.000 kg
King Pin Capacity	12.000 kg
Axle Load	27.000 kg

ENHANCED FEATURES

Volume Options

Depending on the density of the material that will be transported, the silo can be manufactured with different volumes such as; 31 m³, 35 m³, 38 m³ or 40 m³

Certification

Pressure Equipment Directive 2014-68 EC approved design
Compliant with ECTA / DOW best practices

Discharge Solutions

According to the on-site working conditions of the silo, discharge line and port can be:
Individual discharging per cone at left or right
Single discharging at left or right
Tubing under or inside the chassis when discharging at rear

Wide Range of Options

Additional compartment and filling domes
Pneumatically operated folding handrail with options of stainless steel or aluminum
Various additional options such as compressor with diesel or electrical engine
Vibrator, cleaning gun, copressor hose carrier, toolboxes and custom lock / TIR cable
Brake Lock System, IVTM, Pad wear, PSI systems and other additional equipments
Different size of hose and hose carriers

Kässbohrer semi-trailers are manufactured according to lean production and quality principles in consideration of total cost of ownership.

Kässbohrer reserves the right to alter the product specification. Visual and technical data subject to change according to vehicle configuration.

Kässbohrer Sales GmbH

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K.SSK 40 LIGHTEST TIPPING SILO BY KÄSSBOHRER

The first hydraulic tipping silo producer Kässbohrer, reached a new level of sophistication on the transportation of powdered and granular materials with K.SSK 40.

With the tare weight of 5.040 kg, K.SSK 40 is offering the lightest 40 m³ tipping trailer in the market. With re-engineered flow angles and smooth aluminum surfaces, K.SSK 40 allows a continuous and easy flow of the material.

K.SSK 40 is equipped with a five-step hydraulic tipping system with a lifting capacity of 150 bar pressure for operational efficiency.

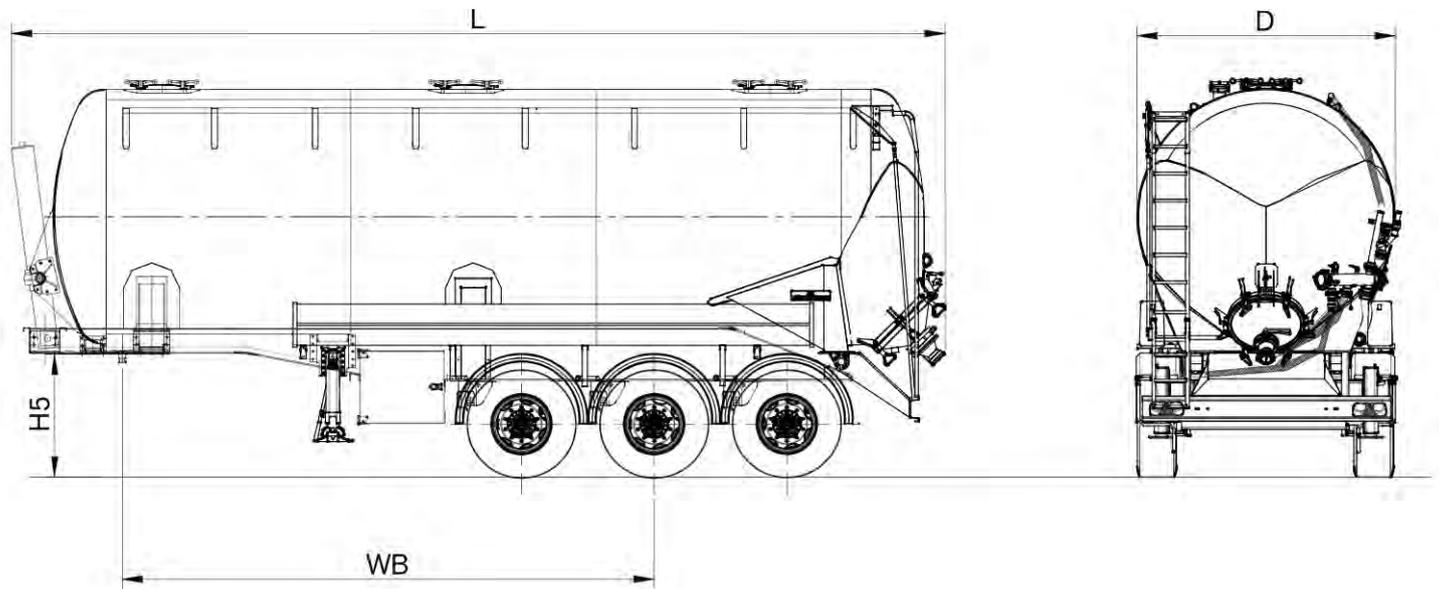
Besides, K.SSK 40 offers stainless steel electro polished discharge cone and 4" stainless steel manifold as standard equipment for increased efficiency and maintenance. K.SSK 40's the fast and precise filling and discharging provides flexibility and speed to your operations.

K.SSK series can be equipped with Kässbohrer DTC (Digital Trailer Control systems) featuring autonomous-ready operation control via smart mobile devices with options of advanced safety packages.



K.SSK 40 / 3 - 10 / 24

SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Extruded double T-type (double T type) profiles which are made of aluminum alloy, provides high quality and strength in accordance to ISO 1726
Brake System	There is a dual-circuit electro-pneumatic braking system with EBS 2S/2M anti-blocking system suitable for UN ECE R13 regulation and an integrated RSS electronic stability control system in the braking system
Tyre Size	Tyre size 385/65 R 22.5"
Axles	BPW air suspension and disc brake axle with 3 x 9 tons capacity
Electric System	ASPÖCK lightning installation with 24 V LED side position lamp and 2x7 and 1x15- pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation
Body Type	Aluminum cylindrical tank with DN700 discharge opening at rear
Manhole Number	3 x DN450 Pressure Type Domes
Discharge Cone Dimension	At the rear side of the tank, a stainless steel electro-polished discharge cone which has a diameter of DN 700 to DN 200 mm is mounted
Hose Carrier	2 x DN200, 5 m plastic hose holders with lockable rear cover are equipped in order to hold the hoses which are used to discharge the materials inside the tank

TECHNICAL DATA

Fifth Wheel Height (H5)	1.220 mm
Tank Diameter (D)	2.530 mm
Wheelbase (WB)	5.250 mm
External Length (L)	9.260 mm
Volume	40,0 m ³
Tare Weight ±%3	5.220 kg
Operation Temperature °C	-20/80°C
Test Pressure (Bar)	3,0 bar
Operation Pressure (Bar)	2,0 bar

TECHNICAL CAPACITIES

Axle Load	27.000 kg
King Pin Capacity	12.000 kg
Gross Weight	39.000 kg

ENHANCED FEATURES

Volume Options

Depending on the density of the material to be transported, the tipping silo can be manufactured with volumes of 40 m³, 45 m³, 50 m³, 60 m³, 63 m³ or 90 m³

Certification

Pressure Equipment Directive 2014-68 EC approved design
Compliant with ECTA / DOW best practices

Wide Range of Options

4 kW (24V) electric pump
Additional filling dome and pneumatic filling neck
Stainless steel side and top airline
Air-cooler unit on the side airline
Filter options for manifold and side airline
Different size and materials for manifold with or without observation glass
Stainless steel catwalk handrails and ladder
Pneumatic operated handrails from ground level
Multi-rotational discharge cone for easy cleaning
Vibrator system to be used while discharging
Hose carrier size and length options with stainless steel cover
Aluminum toolbox, aluminum combi box and aluminum hydraulic box
LED or round lamps

DTC Options

Standard
Safety

Kässbohrer semi-trailers are manufactured according to lean production and quality principles in consideration of total cost of ownership.

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K.SSK 60 LIGHTEST TIPPING SILO BY KÄSSBOHRER

The first hydraulic tipping silo producer Kässbohrer, reached a new level of sophistication on the transportation of powdered and granular materials with its K.SSK 60.

With the tare weight of 6.000 kg, K.SSK 60 is offering the lightest 60 m³ tipping trailer in the market and with enhanced flow angles and smooth aluminum surfaces, K.SSK 60 allows a continuous and easy flow of the material.

For operational efficiency, K.SSK 60 is equipped with a five-step hydraulic tipping system with a lifting capacity of 150 bar pressure.

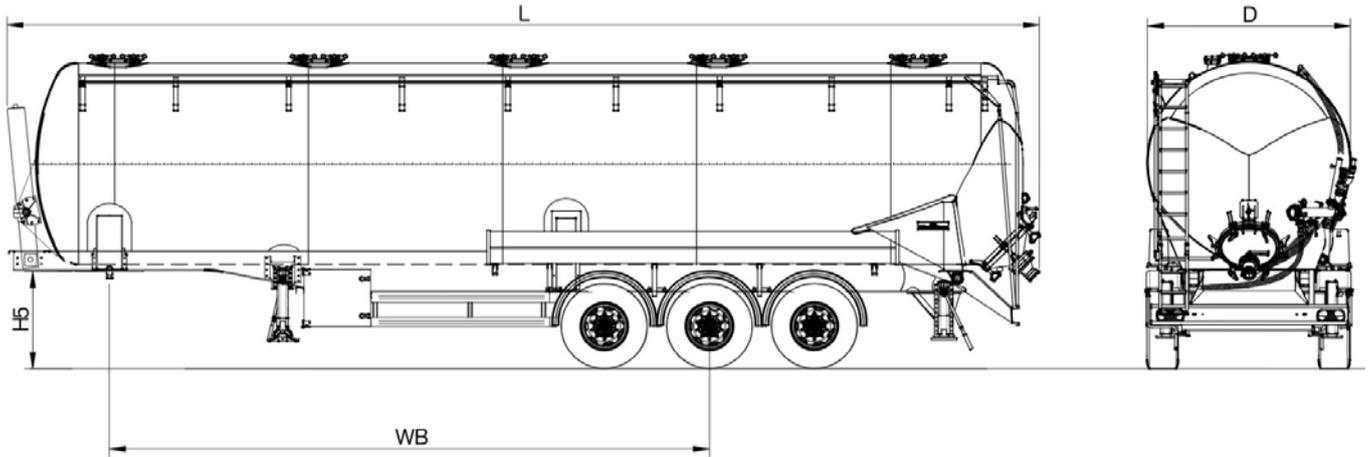
Besides, K.SSK 60 offers stainless steel electro polished discharge cone and 4" stainless steel manifold as standard equipment for increased efficiency and maintenance. K.SSK 60's fast and precise filling and discharging provides flexibility and speed to your operations.

K.SSK series can be equipped with Kässbohrer DTC (Digital Trailer Control systems) featuring autonomous-ready operation control via smart mobile devices with options of advanced safety packages.



K.SSK 60 / 5 - 10 / 24

SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Extruded double T-type (double T type) profiles which are made of aluminum alloy, provides high quality and strength in accordance to ISO 1726
Brake System	There is a dual-circuit electro-pneumatic braking system with EBS 2S/2M anti-blocking system suitable for UN ECE R13 regulation and an integrated RSS electronic stability control system in the braking system
Tyre Size	Tyre size 385/65 R 22.5"
Axles	BPW air suspension and disc brake axle with 3 x 9 tons capacity
Electric System	ASPÖCK lightning installation with 24 V LED side position lamp and 2x7 and 1x15- pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation
Body Type	Aluminum cylindrical tank with DN700 discharge opening at rear
Manhole Number	5 x DN450 Pressure Type Domes
Discharge Cone Dimension	At the rear side of the tank, a stainless steel electro-polished discharge cone which has a diameter of DN 700 to DN 200 mm is mounted
Hose Carrier	2 x DN200, 5 m plastic hose holders with lockable rear cover are equipped in order to hold the hoses which are used to discharge the materials inside the tank

TECHNICAL DATA

Fifth Wheel Height (H5)	1.220 mm
Tank Diameter (D)	2.530 mm
Wheelbase (WB)	7.480 mm
External Length (L)	12.875 mm
Volume	60,0 m3
Tare Weight ±%3	6.250 kg
Operation Temperature °C	-20/80°C
Test Pressure (Bar)	3,0 bar
Operation Pressure (Bar)	2,0 bar

TECHNICAL CAPACITIES

Axle Load	27.000 kg
King Pin Capacity	12.000 kg
Gross Weight	39.000 kg

ENHANCED FEATURES

Volume Options

Depending on the density of the material to be transported, the tipping silo is produced with volumes of 40 m³, 45 m³, 50 m³, 60 m³, 63 m³ or 90 m³

Certification

Pressure Equipment Directive 2014-68 EC approved design
Compliant with ECTA / DOW best practices

Wide Range of Options

- 4 kW (24V) electric pump
- Additional filling dome and pneumatic filling neck
- Stainless steel side and top airline
- Air-cooler unit on the side airline
- Filter options for manifold and side airline
- Different size and materials for manifold with or without observation glass
- Stainless steel catwalk handrails and ladder
- Pneumatic operated handrails from ground level
- Multi-rotational discharge cone for easy cleaning
- Vibrator system to be used while discharging
- Hose carrier size and length options with stainless steel cover
- Aluminum toolbox, aluminum combi box and aluminum hydraulic box
- LED or round lamps

DTC Options

- Standard
- Safety

Kässbohrer semi-trailers are manufactured according to lean production and quality principles in consideration of total cost of ownership.

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K.SSK 60 ADR LIGHTEST ADR TIPPING SILO BY KÄSSBOHRER

Kässbohrer's tipping silo semi-trailers K.SSK is now available for your valuable dangerous bulk transportation operations in S2,65AH tank code with the best selling quality of Kässbohrer's tipping silo available as K.SSK ADR in volumes from 40 m³ to 60 m³ depending on your specific needs.

Kässbohrer offers the lightest standard and ADR 60 m³ tipping trailer in the market, including all equipment on air, filling and discharging lines that are designed to provide safety and best ease of use.

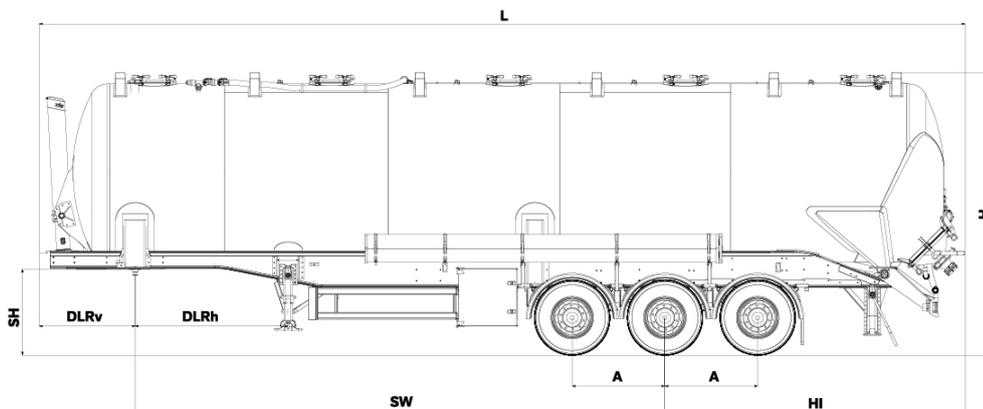
Tipping ADR silo semi-trailers are suitable for transporting dangerous powder or granular materials as carbide, coal, ashes, chips and much more. ADR silo series K.SSK ADR's specially designed user-friendly unloading system allows for a smooth material output.

The one-piece and seamless chassis offers high quality, high durability thus a long and efficient life. Kässbohrer silos' enhanced flow angles and smooth aluminum surfaces allow continuous and easy flow of dangerous goods. The trailers are developed with an electric pump of 4 kW for tipping operations without a tractor. The tipping system has a 5-stage hydraulic system. Kässbohrer's Lightest ADR Tipping Silo affords the safest and most cost effective dangerous bulk transportation yet developed.



K.SSK 60 / 5 - 10 / 24 ADR

SPECIFICATIONS



TECHNICAL INFORMATION

Body Type	Aluminum cylindrical tank with DN700 discharge opening at rear
Manhole Number	5 x DN450 Pressure Type Domes
Discharge Cone Dimension	At the rear side of the tank, a stainless steel electro-polished discharge cone which has a diameter of DN 700 to DN 200 mm is mounted
Chassis	Extruded double T-type (double T type) profiles which are made of aluminum alloy, provides high quality and strength in accordance to ISO 1726
Axles	BPW air suspension and disc brake axle with 3 x 9 tons capacity
Axle Lifting	1st axle lifting system operating automatically according to the cushion pressure and speed values input by EBS data
Brake System	There is a dual-circuit electro-pneumatic braking system with EBS 2S/2M anti-blocking system suitable for UN ECE R13 regulation and an integrated RSS electronic stability control system in the braking system
Tyre Size	Tyre size 385/65 R 22.5"
Electric System	ASPÖCK lightning installation with 24 V LED side position lamp and 2x7 and 1x15- pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation

TECHNICAL DATA

Fifth Wheel Height (H5)	1.220 mm
Tank Diameter (D)	2.530 mm
Tank Thickness	7,0 mm
Head Thickness (min)	8,0 mm
Volume	60,0 m3
Tare Weight ±%3	7.020 kg
Operation Temperature °C	-20/80°C
Test Pressure (Bar)	3,0 bar
Operation Pressure (Bar)	2,0 bar
External Length (L)	13.070 mm
Wheelbase (WB)	7.480 mm

TECHNICAL CAPACITIES

Gross Weight	39.000 kg
Axle Load	27.000 kg
King Pin Capacity	12.000 kg

ENHANCED FEATURES

Volume Options

Depending on the density of the material to be transported, the tipping silo is produced with volumes from 40 m³ to 60 m³

Certification

Pressure Equipment Directive 2014-68 EC approved design
Compliant with ECTA / DOW best practices
ADR regulations approved

Wide Range of Options

Microetching or coating inside the tank
Nitrogen preparation as tube holder, control box and air inlet
4 kW (24V) electric pump
Additional filling dome and pneumatic filling neck
Stainless steel side and top airline
Air-cooler unit on the side airline
Filter options for manifold and side airline
Different size and materials for manifold with or without observation glass
Stainless steel catwalk handrails and ladder
Pneumatic operated handrails from ground level
Multi-rotational discharge cone for easy cleaning
Vibrator system to be used while discharging
Hose carrier size and length options with stainless steel cover
Aluminum toolbox, aluminum combi box and aluminum hydraulic box
LED or round lamps

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K.SSK 90 THE BIGGEST TIPPING SILO IN EUROPE BY KÄSSBOHRER

The first hydraulic tipping silo manufacturer Kässbohrer is now Europe's only 90 m³ volume tipping silo manufacturer.

Kässbohrer applies its level of sophistication to produce the most challenging tipping silo in the market. K.SSK is the ultimate product to transport low density materials.

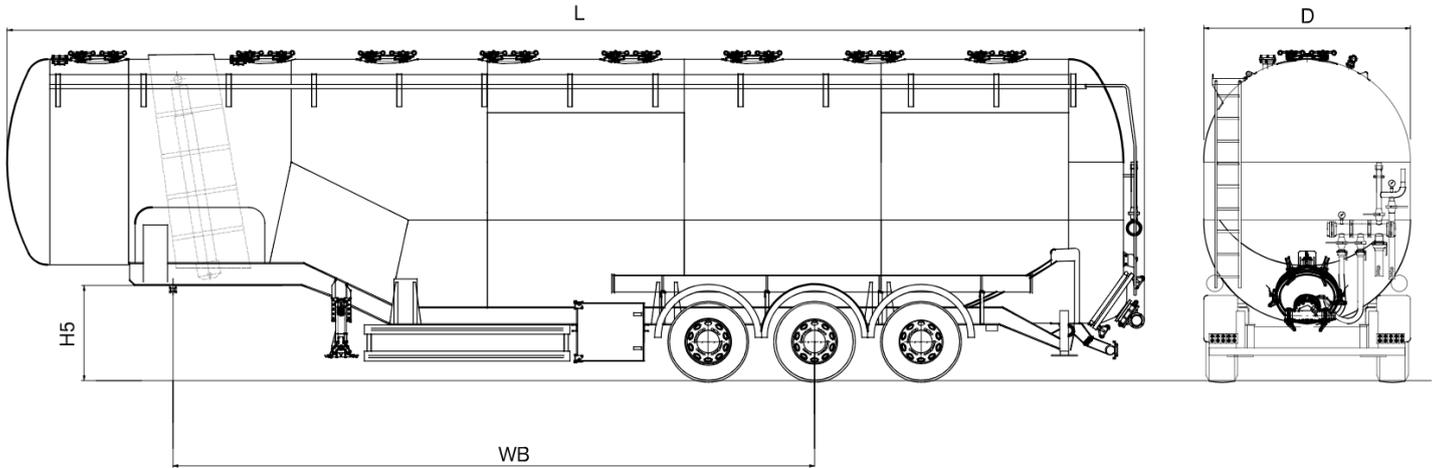
K.SSK 90 vehicle is powered by a hydraulic tipping system comprising of a front telescopic piston with a tilt angle of about 45°. With enhanced flow angles and smooth aluminum surfaces, K.SSK 90 allows a continuous and easy flow of the material.

For operational efficiency, K.SSK 90 is offered with a 4 kW electronic pump, stainless steel electro polished discharge cone and 4" stainless steel manifold as standard equipment for increased efficiency and maintenance. K.SSK 90's fast and precise filling and discharging provides flexibility and speed to your operations.

K.SSK series can be equipped with Kässbohrer DTC (Digital Trailer Control systems) featuring autonomous-ready operation control via smart mobile devices with options of advanced safety packages.



SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Two welded longitudinal I-beams with cross beams at necessary distances. Chassis beams and cross section are made of steel which provides high quality and strength in accordance to ISO 1726
Brake System	There is a dual-circuit electro-pneumatic braking system with EBS 2S/2M anti-blocking system suitable for UN ECE R13 regulation and an integrated RSS electronic stability control system in the braking system
Tyre Size	Tyre size 385/55 R 22,5"
Axles	BPW air suspension and disc brake axle with 3 x 9 tons capacity
Electric System	ASPÖCK lightning installation with 24 V LED side position lamp and 2x7 and 1x15-pin sockets, in compliance with Regulation UN ECE R48 and ADR Legislation
Body Type	Aluminum cylindrical tank with DN700 discharge opening at rear
Manhole Number	8 x DN450 Pressure Type Domes
Discharge Cone Dimension	At the rear side of the tank, a stainless steel electro-polished discharge cone which has a diameter of DN 700 to DN 200 mm is mounted
Hose Carrier	1 x DN200, 5 m plastic hose holder with lockable rear cover is equipped in order to hold the hose which is used to discharge the materials inside the tank

TECHNICAL DATA

Fifth Wheel Height (H5)	1.180 mm
Tank Diameter (D)	2.550 mm
Wheelbase (WB)	7.900 mm
External Length (L)	14.000 mm
Volume	90,0 m ³
Tare Weight ±%3	8.700 kg
Operation Temperature °C	-20/80°C
Test Pressure (Bar)	3,0 bar
Operation Pressure (Bar)	2,0 bar

TECHNICAL CAPACITIES

Axle Load	27.000 kg
King Pin Capacity	12.000 kg
Gross Weight	39.000 kg

ENHANCED FEATURES

Volume Options

Depending on the density of the material to be transported, the tipping silo can be manufactured with volumes of 40 m³, 45 m³, 50 m³, 60 m³, 63 m³ or 90 m³

Certification

Pressure Equipment Directive 2014-68 EC approved design
Compliant with ECTA / DOW best practices

Wide Range of Options

4 kW (24V) electric pump
Additional filling dome and pneumatic filling neck
Stainless steel side and top airline
Air-cooler unit on the side airline
Filter options for manifold and side airline
Different size and materials for manifold with or without observation glass
Stainless steel catwalk handrails and ladder
Pneumatic operated handrails from ground level
Multi-rotational discharge cone for easy cleaning
Vibrator system to be used while discharging
Hose carrier size and length options with stainless steel cover
Aluminum toolbox, aluminum combi box and aluminum hydraulic box
LED or round lamps

DTC Options

Standard
Safety

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