



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.

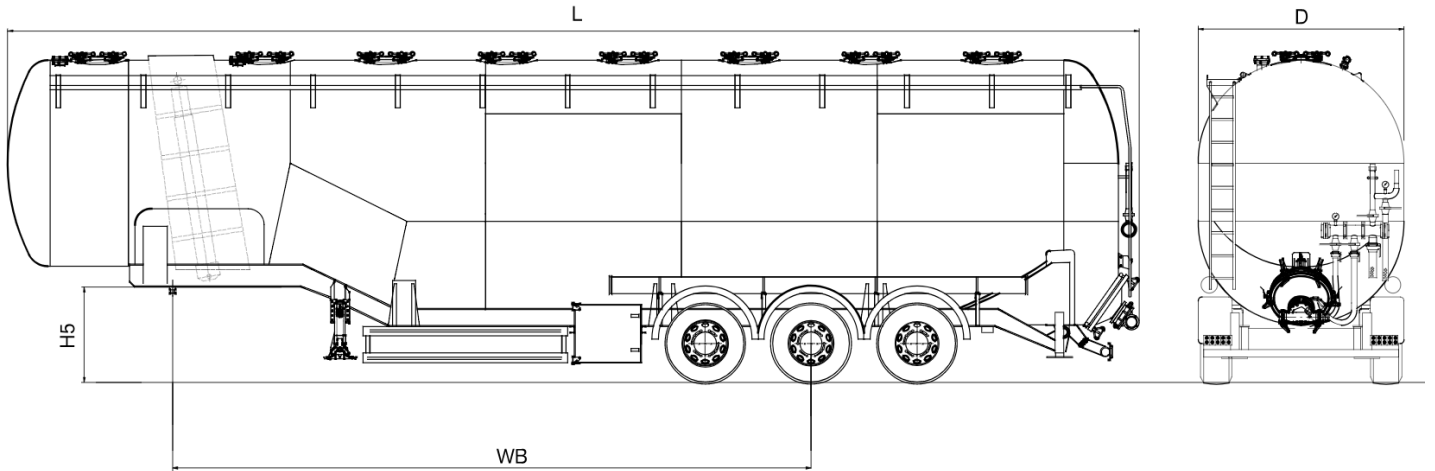
For operational efficiency, K.SSK 90 is offered with a 4 kW electronic pump, stainless steel electro polished discharge cone and 4" stainless steel manifold as standard equipment for increased efficiency and maintenance. K.SSK 90's fast and precise filling and discharging provides flexibility and speed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



K.SSK 90 / 8 - 10 / 24

SPECIFICATIONS



TECHNICAL INFORMATION

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chassis Type | 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

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.

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