



# 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 m<sup>3</sup> 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.

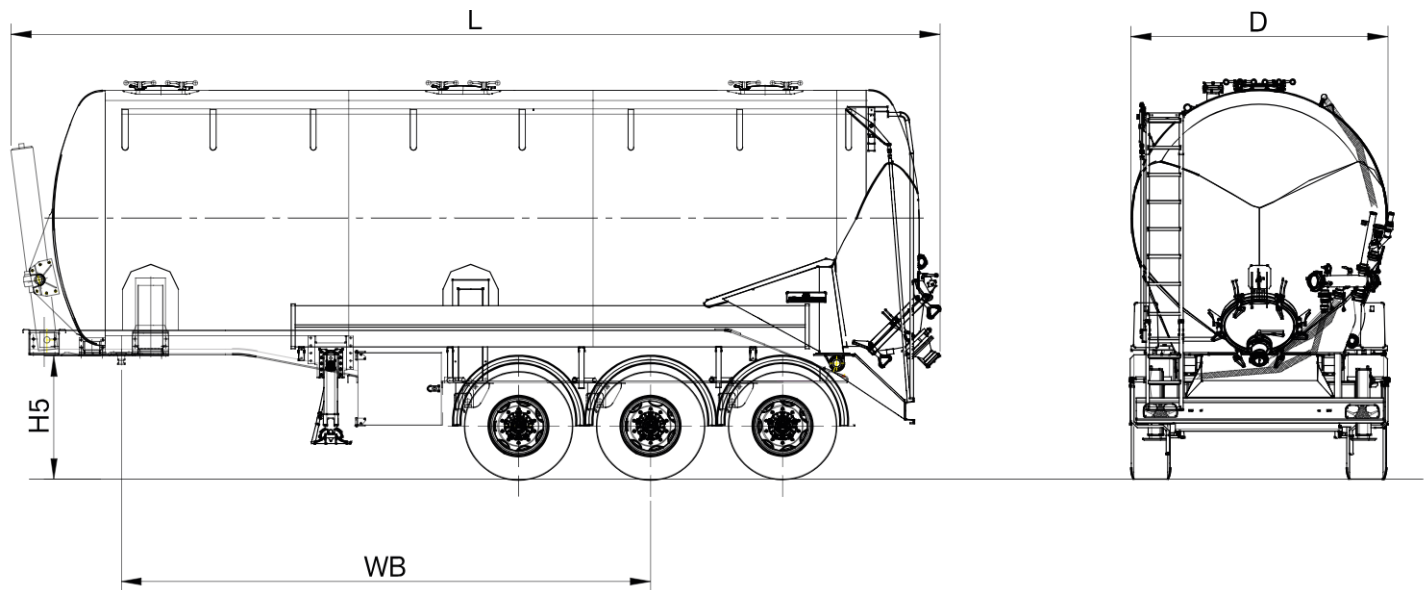
Besides, K.SSK 40 offers stainless steel electro polished discharge cone and 4" stainless steel manifold as standard equipment for increased efficiency and maintenance. K.SSK 40's the fast and precise filling and discharging provides flexibility and speed to your operations.

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

<b>Chassis Type</b>	Extruded double T-type (double T type) profiles which are made of aluminum alloy, provides high quality and strength in accordance to ISO 1726
<b>Brake System</b>	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
<b>Tyre Size</b>	Tyre size 385/65 R 22.5"
<b>Axles</b>	BPW air suspension and disc brake axle with 3 x 9 tons capacity
<b>Electric System</b>	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
<b>Body Type</b>	Aluminum cylindrical tank with DN700 discharge opening at rear
<b>Manhole Number</b>	3 x DN450 Pressure Type Domes
<b>Discharge Cone Dimension</b>	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
<b>Hose Carrier</b>	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

<b>Fifth Wheel Height (H5)</b>	1.220 mm
<b>Tank Diameter (D)</b>	2.530 mm
<b>Wheelbase (WB)</b>	5.250 mm
<b>External Length (L)</b>	9.260 mm
<b>Volume</b>	40,0 m3
<b>Tare Weight ±%3</b>	5.220 kg
<b>Operation Temperature °C</b>	-20/80°C
<b>Test Pressure (Bar)</b>	3,0 bar
<b>Operation Pressure (Bar)</b>	2,0 bar

### TECHNICAL CAPACITIES

<b>Axle Load</b>	27.000 kg
<b>King Pin Capacity</b>	12.000 kg
<b>Gross Weight</b>	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 m<sup>3</sup>, 45 m<sup>3</sup>, 50 m<sup>3</sup>, 60 m<sup>3</sup>, 63 m<sup>3</sup> or 90 m<sup>3</sup>

#### 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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