



# K.SSL 45 LIGHTEST WITH MORE STABLE AND SAFER DESIGN BY KÄSSBOHRER

The lightest non-tipping silo in the market Kässbohrer K.SSL 45, is the perfect fit for the most efficient transportation and discharge of low-density materials. With its 4.950 kg tare weight, Kässbohrer's non-tipping silo K.SSL 45 offers the maximum payload capacity and the best Total Cost of Ownership. Thanks to its ingeniously designed cone angles and 45 m<sup>3</sup> volume, Kässbohrer's K.SSL 45 is the most efficient non-tipping silo for low-density products.

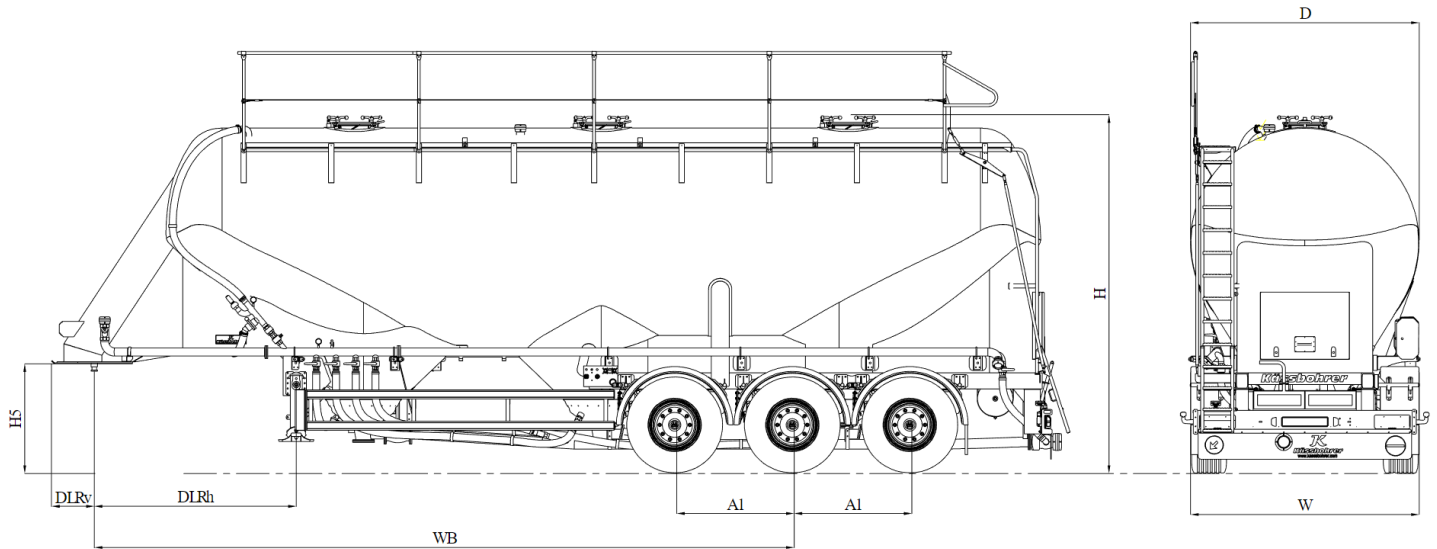
In its standard features, K.SSL 45 offers aluminum chassis, 3 cones, 3 manholes, aluminum airlines, an aluminum toolbox, and Aluminum ladder/handrails.

Kässbohrer offers rear or left discharge options as well as discharge accelerator options according to the operational needs of its customers. With its engineering excellence and R&D competence, Kässbohrer has performed 10.000 cycles of accelerated life tests (equaling 8-12 years) on its non-tipping silo K.SSL, validating its stable and safe design.



# K.SSL 45 / 3 - 10 / 24

## SPECIFICATIONS



### TECHNICAL INFORMATION

<b>Chassis Type</b>	Aluminum extrusion profile frame, welded inside the support console (Welded Construction)
<b>Brake System</b>	There is a dual-circuit electro-pneumatic braking system with EBS 2S / 2M antiblocking system suitable for UN ECE R13
<b>Axle Brand</b>	Equipped with BPW branded 3 air suspension axles with 9 ton permissible load capacity each
<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>Tyre Size</b>	Tyre size 385/65 R 22.5"
<b>Number Of Compartments</b>	1 Compartment
<b>Manhole Number</b>	3 x DN450 Pressure Type Domes
<b>Discharge Type</b>	Discharge type from the rear
<b>Hose Carrier</b>	2 x NW100, 5 M hose holder with rear cover

### TECHNICAL DATA

<b>Fifth Wheel Height (H5)</b>	1.220 mm
<b>Tank Diameter (D)</b>	2.550 mm
<b>Wheelbase (Wb)</b>	7.800 mm
<b>External Length (L)</b>	11.285 mm
<b>Volume</b>	45,0 m <sup>3</sup>
<b>Tare Weight ±%3</b>	5.100 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>Total Weight</b>	39.000 kg
<b>King Pin Capacity</b>	12.000 kg
<b>Axle Load</b>	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 m<sup>3</sup>, 33 m<sup>3</sup>, 35 m<sup>3</sup>, 38 m<sup>3</sup>, 40 m<sup>3</sup> and 45 m<sup>3</sup>

#### 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 rear, left or right

#### 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.*

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