



# K.SKS BS UNIQUE DESIGN FOR EFFICIENT TRANSPORTATION BY KÄSSBOHRER

Kässbohrer tipper semi-trailer, K.SKS, with 3 axles, stands for reliability and robustness under the hardest load and road conditions through its high strength chassis and upper structure.

Fully compliant with the regulations of all European countries, K.SKS B is perfectly designed and engineered for construction transportation such as sandstone, asphalt, and earthworks.

With the tare weight starting from 5.350 kg, K.SKS B provides operational efficiency during transportation.

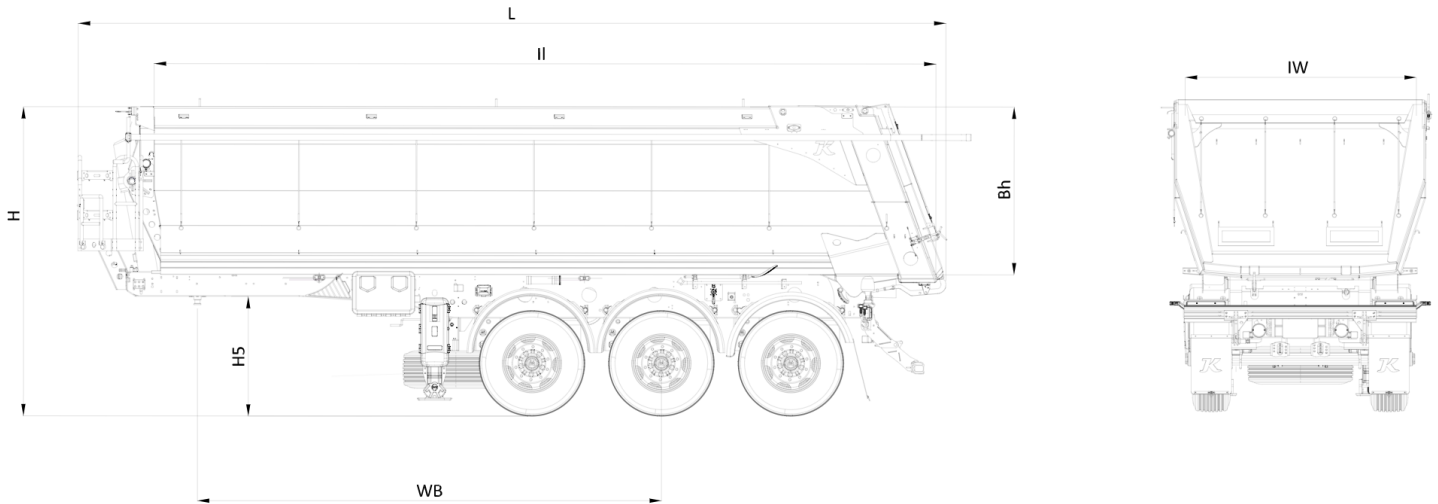
The robust chassis with cathophoretic dip-coating (KTL) process offers durability and persistence throughout the economic life of the vehicle. With king-pin capacity of 12.000 kg and unique upper structure design, K.SKS offers the maximum traction performance on the road and ideal load distribution for road safety.

Through the new U-shape of the floor, K.SKS B prevents material residue and ensures fast unloading of bulk materials. 5 steps hydraulic cylinder with a lifting capacity of 250 bar enables operationally efficient unloading. Engineered to couple with 4 x 2, 6 x 2, 6 x 4 trucks, K.SKS is equipped with one-touch brake system, developed for stable unloading operations and with tilt alert system alerting the drivers on inclined lands, providing operational safety.



# K.SKS B / 27 - 12 / 27

## SPECIFICATIONS



### TECNICAL INFORMATION

<b>Chassis</b>	Made of high quality and high strength S700 MC steel, in compliance with Standard ISO 1726-2 and ISO 1726; made of two welded long itudinal beams in "I" form with cross beams at needed distances. Reinforced with KTL protection with Kässbohrer expertise.
<b>Brake System</b>	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
<b>Electric System</b>	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
<b>Axles</b>	BPW AL II HD air suspension and drum brake axle with 9 ton capacity each
<b>Body</b>	Body is made of Hardox450 and TUF500 materials for maximum abrasiveness and impact resistance.
<b>Hydraulic System</b>	HYVA branded 5 stage cylinder that can be lowered/raised with an air handle is included.

### TECNICAL DATA

<b>Volume</b>	27,0 m3
<b>Tare Weight ±%3</b>	6.155 kg
<b>Wheelbase (Wb)</b>	4.700 mm
<b>Fifth Wheel Height (H5)</b>	1.220 mm
<b>Vehicle Height (H)</b>	3.130 mm
<b>Body Length (A )</b>	8.300
<b>Body Inner Height (IH)</b>	1.540 mm
<b>Body Height (Bh)</b>	1.550 mm

### TECNICAL CAPACITIES

<b>Axle Load</b>	27.000 kg
<b>King Pin Capacity</b>	12.000 kg
<b>Total Weight</b>	39.000 kg

### ENHANCED FEATURES

#### Load and Discharge Security Systems

Pneumatic folding bumper with remote control device  
Rolling tarpaulin: Mechanical rolling pipe tarpaulin mounted to side walls  
Body-Fix: Rattaling absorbers mounted on the chassis to prevent any possible noise pollution during discharge  
Tilt alert: An audible alarm signal and a light indicator, allowing the driver to lower the tipper in time to prevent a roll over  
Unloading level: Air bag pressure release system, lowering the platform height for safe discharge operation  
Finisher brake system: Equipped with a switch for controlling automatic braking system, suitable for asphaltting machinery  
Safety brake function: Automatic braking system, preventing any movement during the unloading process  
e-TASC: Electronic trailer air suspension control  
Smartboard: Allowing to operate and display EBS E and and suspension functions

#### Wide Range of Options

3 mm side front and back walls, 4 mm of floor thickness  
Spare wheel and holder  
Hydraulic rear wall  
Electrical sliding tarpaulin  
Quick coupling connection  
Aluminum air tanks  
Aluminum mechanical legs  
Alux outside mirror and machined finish aluminum rim options  
Fire extinguisher box  
Aluminum ladder  
Grain door

**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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