



# K.SKA LIGHT, MODULAR YET MOST ROBUST TIPPER BY KÄSSBOHRER

Kässbohrer Aluminium tipper semi-trailer, K.SKA, with its high strength chassis and tough aluminum upper structure stands for reliability and robustness under the hardest load and road conditions. With its unique light design, 5.030 kg, K.SKA offers more payload and higher fuel efficiency. The weight advantage of up to 1.500 kg is achieved compared to steel body version.

The robust chassis with a cathaphoretic dip coating (KTL) process offers durability and persistence throughout the economic life of the vehicle. Modular, lockable designed aluminum side panels, with 500 mm panels, are the widest size in the market which ensures the strongest design and longer body service life.

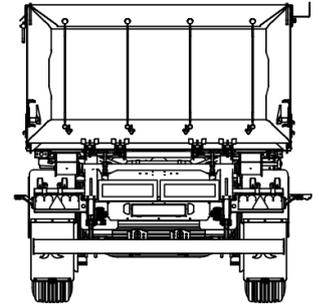
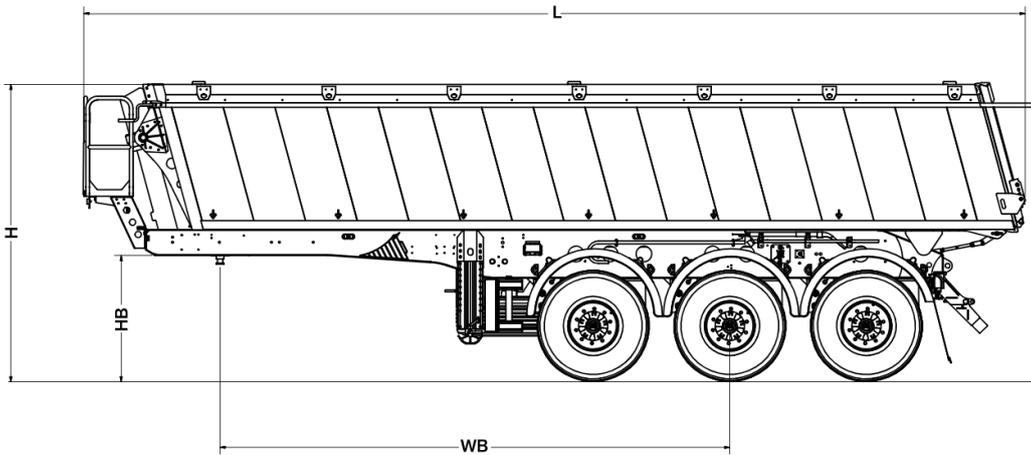
Unexampled patented modular floor design optionally can be equipped with wear plates to have a longer life cycle. K.SKA, with a king-pin capacity of 12.000 kg and unique upper structure design, offers the maximum traction performance on the road and ideal load distribution for road safety.

5 step 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.SKA is equipped with one touch brake system, that is developed for stable unloading operations and with tilt alert system that alerts the drivers on inclined lands, providing operational safety.



# K.SKA B / 26 - 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 longitudinal beams in "I" form with cross beams at needed distances. Reinforced with KTL protection with Kässbohrer expertise.
<b>Axles</b>	BPW EA air suspension and disc brake axle with 9 ton capacity each
<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>Body</b>	Profiles with 4 mm inner wall, 2 mm outer wall thickness, 40 mm total thickness and 500 mm length along the side wall. Floor structure consists 8 mm thick aluminum at the rear while middle and front section aluminum sheets are thinner in order to maintain weight optimized upperstructure.
<b>Hydraulic System</b>	5-step HYVA branded hydraulic cylinder on which lowering/lifting operation can be applied by a pneumatic handle is included.

### TECNICAL DATA

<b>Fifth Wheel Height (H5)</b>	1.220 mm
<b>Wheelbase (WB)</b>	4.900 mm
<b>External Length (L)</b>	9.080 mm
<b>Total Width (W)</b>	2.550 mm
<b>Tare Weight ±%3</b>	5.200 kg
<b>Volume</b>	26,0 m <sup>3</sup>

### TECNICAL 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

**Patented modular floor and side walls design.**

#### Volume Options

The tipper can be manufactured with different volumes such as 24 m<sup>3</sup>, 26 m<sup>3</sup>.

#### Load and Discharge Security Systems

Rolling tarpaulin: Mechanical rolling pipe tarpaulin mounted to side walls

Body-Fix: Rattling 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 rollover

#### Wide Range of Options

1.410 mm distance between axles

Automatic sliding through rear tarpaulin, controlled by remote control or button on the vehicle

Pneumatic folding bumper with remote control device

Smartboard

Manual sliding through rear tarpaulin, controlled by an arm.

LED lights

Tyre brand options

Hubodometer

Broom, shovel and holder

Fire extinguisher box

1.250 mm 5th wheel height

1.320 mm 5th wheel height

1st and 3rd axle lifting

3rd axle self steering for disc and drum brake axles.

Quick coupling Hyva hydraulic suction and pressure hose with diameter of 1".

Grain door

Rear door handle

External Ladder

**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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