



# K.SLS 3 LIGHT AND STRONGER BY KÄSSBOHRER

Kässbohrer reengineered the non-extendable 3 axle low-bed semi-trailer, K.SLS 3, for setting new standards in heavy goods transportation by maximizing the payload for the customers with its lighter chassis design.

K.SLS 3 has only 8.500 kg tare weight to increase the payload capacity up to 40.000 kg, as well as to enable energy-efficient and eco-friendly heavy goods transportation.

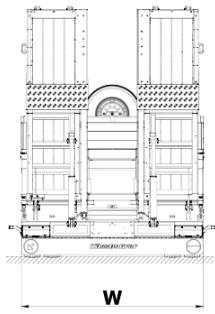
For operational flexibility and safety, K.SLS 3 is surrounded by new EUMOS certified pillars and pillar pockets, and new lashing rings with increased capacity up to 13,4 ton, positioned on the gooseneck, platform, and side rails contributing to optimal load distribution.

K.SLS can also be equipped with hydraulic gooseneck ramp and steel grid floor in order to provide easy loading of various loads such as scissors platforms, forklifts, telehandlers, commercial or industrial cleaning machinery.



# K.SLS 3 / 0N - 18 / 30

## SPECIFICATIONS



### TECHNICAL INFORMATION

<b>Chassis</b>	Made of high quality and high strength S700 MC steel, in compliance with Standard ISO 1726
<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>Tyre Size</b>	245/70 R 17.5
<b>Axles</b>	BPW air suspension system and drum brake axles
<b>Electric System</b>	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>Floor</b>	45 mm. thick hardwood floor and drop-patterned steel floor only on top of the wheels
<b>Ramp Type</b>	Portable ramp preparation for loading operations, only designed for Aluminium ramps on the rear section of the semi-trailer
<b>Steering Type</b>	Equipped with 3 units of fixed axles

### TECHNICAL DATA

<b>Fifth Wheel Height (H5)</b>	1.250 mm
<b>Wheelbase (WB)</b>	8.100 mm
<b>External Length (L)</b>	13.190 mm
<b>Gooseneck Length (GL)</b>	3.950 mm
<b>Platform Length (PL)</b>	9.240 mm
<b>Total Width (W)</b>	2.550 mm + 600 mm (w / side extensions)
<b>Platform Height (PH)</b>	875 mm
<b>Tare Weight ±%3</b>	8.500 kg

### TECHNICAL CAPACITIES

<b>King Pin Capacity</b>	Permissible Load Capacity = 18.000 kg
<b>Axle Load</b>	30.000 kg
<b>Gross Vehicle Weight</b>	Total Permissible Weight [60 km/h] = 52.800 kg

### ENHANCED FEATURES

#### Product Range

For different customer needs, the non-extendable low-bed product range includes 3 or 4 axles.

#### Load Security

Lashing rings:

Gooseneck: 1 x 2 units of 13,4 ton capacity and 2 x 2 units of 8 ton capacity

Platform: 2 x 2 units of 13,4 ton capacity

Side raves: 3 x 2 units of 13,4 ton capacity and 4 x 2 units of 8 ton capacity

Under side raves: 5 x 2 units of 8 ton capacity

Pillar pockets and pillars:

3 x 2 units latitudinal pillar pocket rows on platform (7 x 52 mm x 102 mm)

7 x 2 units pillars and pillar pockets (50 mm x 100 mm)

Container locks:

\* 2 x 2 units for 20 ft containers

#### Wide Range of Options

Light low-beds can be equipped with variable ramp options:

6 different ramp options with 40 ton capacity: mechanical or hydraulical sliding ramps with hardwood or steel grid floor

Portable aluminum ramps with 32 ton capacity

Gooseneck ramp options:

Hydraulic gooseneck ramp

Portable aluminum gooseneck ramps

Portable steel gooseneck ramps

Chassis options & accessories:

Full or partial metallization

Hardwood or steel grid floor

3rd self-steering axle

1st axle lifting

2 x 300 mm lateral extension brackets and hardwood blocks

Pillar storage box

Aluminum ramp storage box under the chassis

**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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