

ENGINEUITY
SINCE 1893



PRODUCT PRESENTATION

K.SOK.L 3 / 1N - 12 / 24

MY2017



ENGINEUITY, SINCE 1893



PRODUCT RANGE

TRUCK TRANSPORTER (FLEX CARRIER) K.SOK.L SERIES





AGENDA

1. PRODUCT RANGE AND TERMINOLOGY
2. TECHNICAL SPECIFICATIONS
3. KEY FEATURES
4. STANDARD PRODUCT CONFIGURATION



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THE MOST FLEXIBLE SOLUTION FOR COMMERCIAL TRANSPORTATION BY KÄSSBOHRER

Kässbohrer's extendable Truck Transporter (Flex Carrier) semi-trailer with 3 axles, K.SOK.L 3, transcends the limits of engineering to provide the most **multifunctional** and **flexible** transportation solutions for all kinds of commercial vehicles; from 6x2 to 6x4 tractors, from tipper to construction trucks, from mini- to midibuses and from pick-ups to construction machinery thanks to its extendable chassis and variable decking options.



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THE MOST FLEXIBLE SOLUTION FOR COMMERCIAL TRANSPORTATION BY KÄSSBOHRER

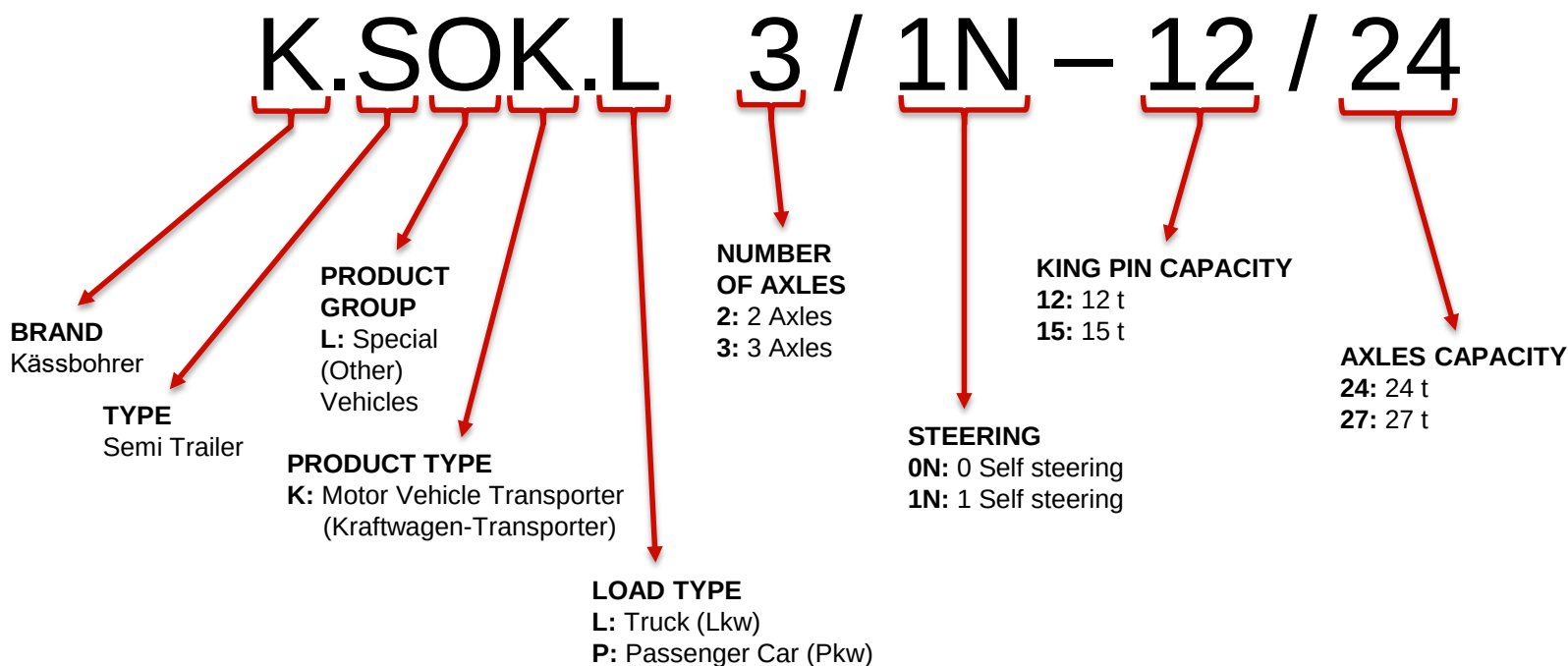
Equipped with **extendable chassis** and **sliding decks**, and with enhanced **maneuverability**, K.SOK.L 3 offers multi-flexible transport solutions for:

- 3 units of 4x2 tractors (WB between 3.600-3.900 mm)
- 2 units of 6x2 or 6x4 tractors
- 2 units of 6x2 or 6x4 tipper/construction trucks
- 2 units of 8x2 or 8x4 long-haul trucks
- 3 units of minibuses
- 2 units of midibuses
- 2 to 3 units of construction machines



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SPECIAL VEHICLES TERMINOLOGY



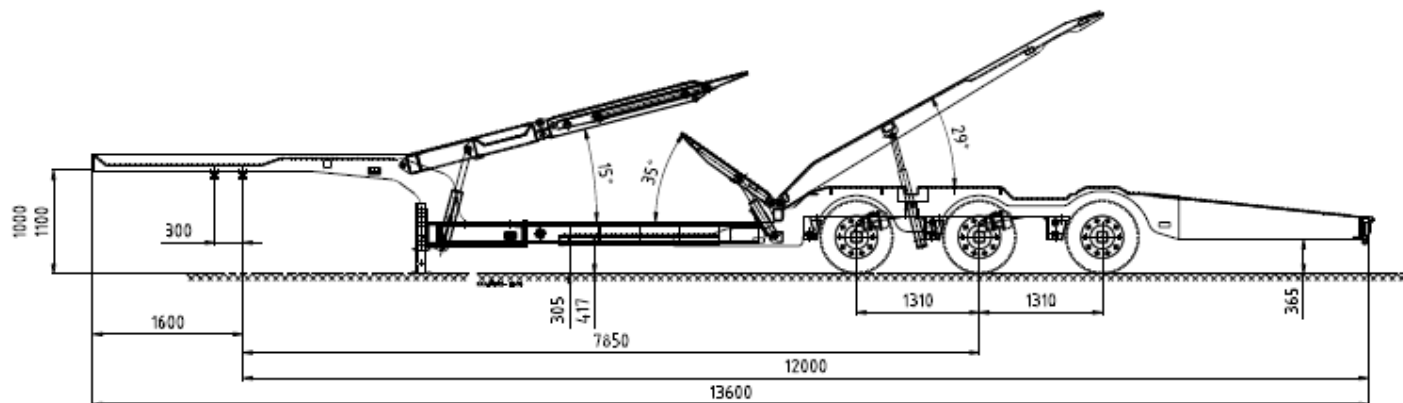


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TECHNICAL SPECIFICATIONS



1- Total (Closed / Extended)
13.600 mm / 15.100 mm

2- Tail Extension
1.000 mm

3- Wheelbase (Closed / Extended)
7.850 mm / 9.350 mm

4- 5th Wheel Height
950 mm - 1.150 mm

5- Ground Clearance
305 mm

6- Total Width
2.550 mm

Technical Capacity

7- Tare Weight ($\pm 3\%$)
11.500 kg

8- Total Weight (100 km/h)
35.500 kg

9- Payload (100 km/h)
24.000 kg



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KEY FEATURES AT A GLANCE

Multifunctional and flexible commercial vehicle transportation with multiple **positioning** and **safety** variations thanks to:

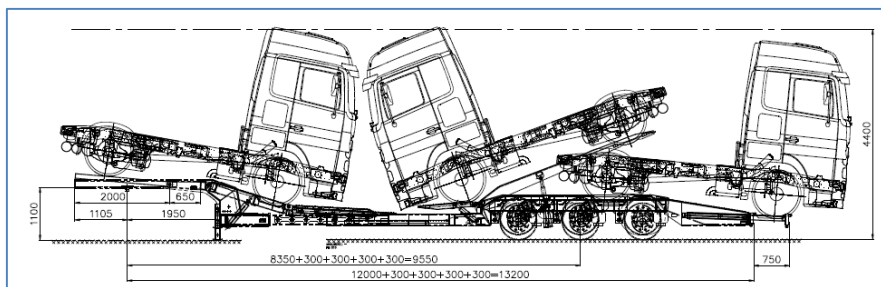
- 6 to 12 units of **wheel wedges** with variable locking positions on perforated decking ramps
- **Extendable** chassis up to 1.500 mm.
- Extendable and foldable front, middle and tail **decking ramps**
- 2 units of portable Aluminum **rear loading ramps**
- 6 units of **wheel recess covers** on Gooseneck, Front Decking and Rear Bogie areas



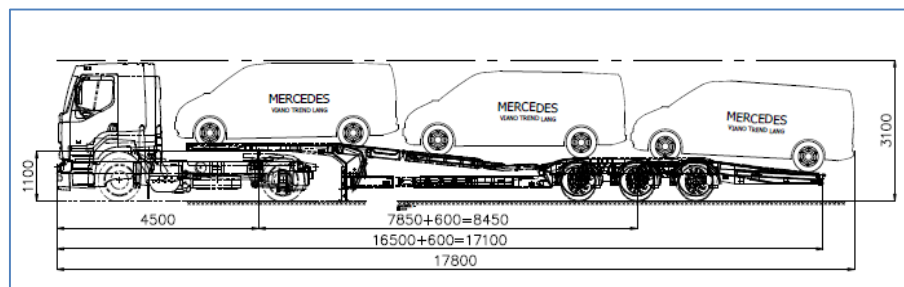
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MULTIPLE SOLUTIONS FOR COMMERCIAL TRANSPORT

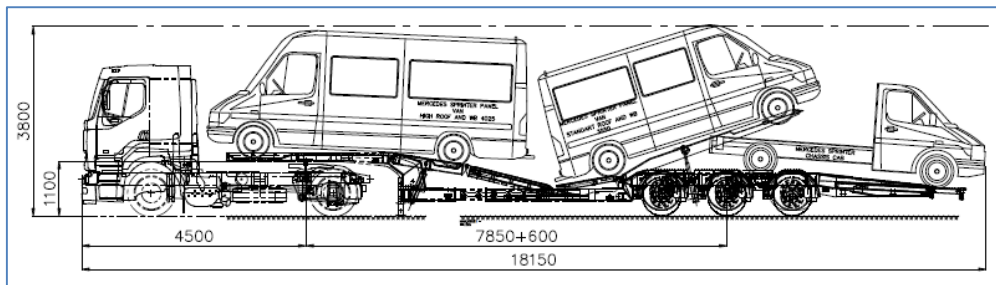
K.SOK.L can transport any type of commercial vehicles in different combinations.



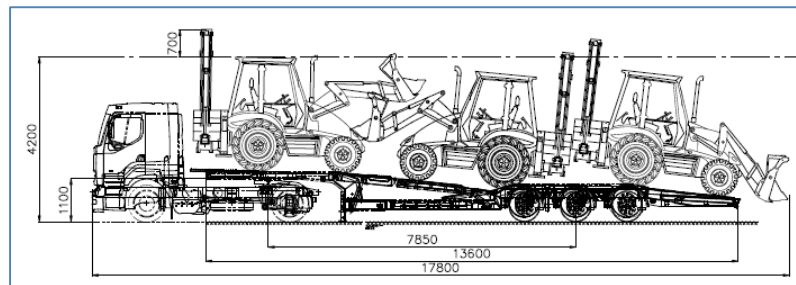
3 units of 4x2 Tractors (WB: 3.600)



3 units of Panel Vans (WB: 3.200)



2 Panel Vans + 1 PickUp (WB: 3.600-4.050)



3 units of JCB Backhoe Loaders

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DIMENSIONAL FLEXIBILITY FOR YOUR LOADS

- There are 3 extendable areas on the vehicle:
 - Chassis extension up to 1.500 mm.
 - Front Decking ramps up to 1.000 mm.
 - Tail sliding ramps up to 1.000 mm.



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DIMENSIONAL FLEXIBILITY FOR YOUR LOADS

- **Wheel recesses** are actively in use with or without covers for adjusting the external heights and inter-positions of the loads.
- For this purpose, totally 6 units of Aluminum recess covers are used:
 - 2 units are on Gooseneck platform
 - 2 units are on Front Decking ramps
 - 2 units are on Rear Bogie platform



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ENRICHED VARIETY OF ACCESSORIES

- Galvanized steel **wheel wedges** up to 12 units for having multiple positioning options by locking possibility in every 55 mm. on the perforated floors.
- 3 units of aluminum **toolboxes** hidden inside the gooseneck area (150 x 480 x 1.090 mm)



K.SOK.L 3 / 1N – 12 / 24 ENRICHED VARIETY OF ACCESSORIES

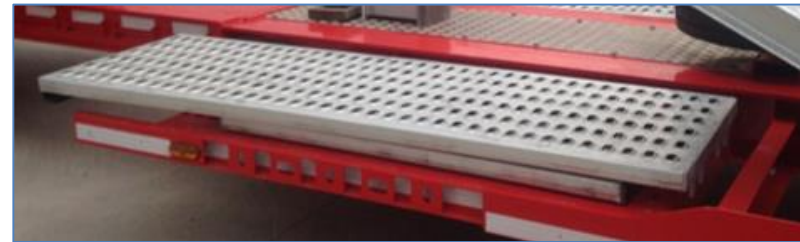
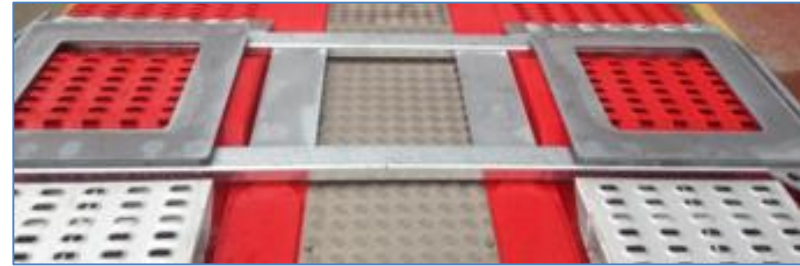
- 2 units of portable Aluminum rear loading ramps can be used for loading the vehicles.
- Possibility for mounting to the tail side even whilst the rear sliders are open.



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ENRICHED VARIETY OF ACCESSORIES

- Support apparatus are mounted on the Rear Bogie panels in order to form wheel recess for light commercial vehicles.
- Lateral support panels can be used to cover the middle section during the interim extension of the chassis.





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STANDARD PRODUCT PARTS

Axle and Suspension

BPW 9 t load capacity axles with air suspension and drum brakes

Axles and Steering

2F+1N (F for Fixed, N for Self-Steering)

Brake System

Wabco, EBS 4S/3M, dual circuit electro-pneumatic brake system according to 71/320/EEC

Electric System

2 x 7 + 1 x 15 pin plug socket according to EC Directive 76/756 along with 24 V lighting installation

Tyres and Rims

12+1 units 215/75 R 17,5 tyres with steel rims



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STANDARD PRODUCT PARTS

Chassis

High tension welded chassis made of St 52-3

Floor

Anti-slip perforated steel floor to position wheel chocks in every 55 mm.

King-Pin

2" King-Pin

1 or 2 unit(s) King-Pin place(s)

Front Landing Gear

24 t mechanical landing gear



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STANDARD PRODUCT PARTS

Decking Ramps

- 2 units Front Decking Ramps: 3.800 mm. long, hydraulic **foldable**, hydraulic **extendable**, **galvanised** ramps
- 2 units Middle Decking Ramps: 1.200 mm. long, hydraulic **foldable**, **galvanised** ramps
- 2 units Rear Bogie Ramps: 4.000 mm. long, hydraulic **foldable**, **galvanised** ramps



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STANDARD PRODUCT PARTS

Aluminum Wheel Recess Covers

- 2 units Gooseneck wheel recess covers:
1.900 x 750 x 60 mm.
- 2 units Front Decking Ramp wheel recess covers:
580 x 460 x 90 mm.
- 2 units Rear Bogie Ramp wheel recess covers:
600 x 575 x 120 mm.



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STANDARD PRODUCT PARTS

Rear Loading Ramps

2 units Aluminum rear loading ramps:
1.650 x 400 x 75 mm., with 7 t capacity

Lashing Rings

2 x 2 units with 4 t capacity on Gooseneck platform
2 x 2 units with 4 t capacity on Front Decking ramps
2 x 2 units with 4 t capacity on Rear Decking ramps

Wheel Wedges

6 to 12 units galvanised steel wheel wedges:
600 x 270 x 260 mm.



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STANDARD PRODUCT PARTS

Accessories

- Extendable rear underrun protection device according to Directive-70/221/EEC, box-type shape, placed below the light holder
- 2 units ECE R70 reflectors
- 6 units half mudguards



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STANDARD PRODUCT PARTS

Options

- 1 unit spare wheel holder
- Hubodometer
- 3 units aluminum tool boxes under Gooseneck platform
- Front decking ramp side lateral support panels
- Lateral chassis support panel in case of extension
- PAD: Clutch disc abrasion monitoring system
- IVTM: Tyre pressure monitoring system
- ECAS: Electronically controlled air-suspension system



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