



# K.SHG AVH FLEXIBLE AND SAFE OPERATIONS BY KÄSSBOHRER

Kässbohrer's front and rear extendable container chassis, with gooseneck K.SHG AVH, is engineered for the best load distribution and for maximum flexibility in your operations.

Kässbohrer has upgraded its K.SHG AVH's chassis design with the novel octagonal central frame which solved all torsional issues leading to permanent damage of vehicles, consequently winning Trailer Innovation 2019 category "Chassis".

K.SHG AVH is engineered to safely carry containers from 20 ft. up to 45 ft, offering the best solution for multi-functional and flexible container transportation.

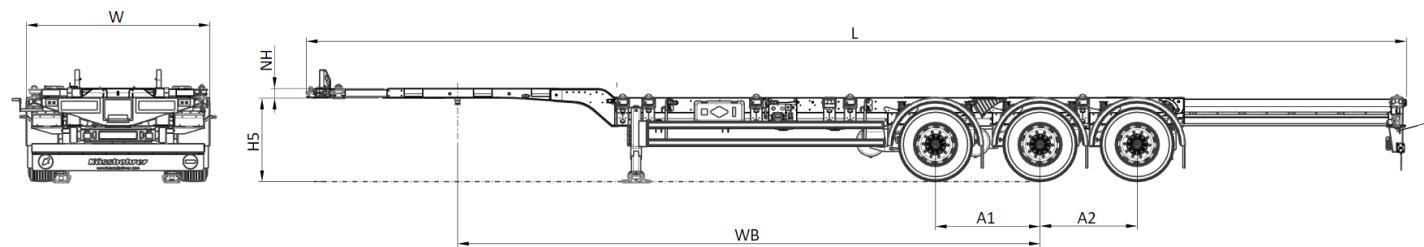
In addition, K.SHG.AVH's KTL coated robust chassis design made of high quality and high strength steel, in compliance with Standard ISO 1726-2 and ISO 1726, provides the best load distribution performance even carrying 20 ft. containers on the rear side.

Alongside its patented novel octagonal central frame design, K.SHG AVH is also constructed with user-friendly pneumatic locking systems at the rear extension to provide operational ease, efficiency, and safety.



# K.SHG AVH / 45 -12 / 27

## SPECIFICATIONS



### TECHNICAL INFORMATION

Chassis	Made of high quality and strength steel, in compliance with Standard ISO 1726-2; made of two welded longitudinal beams in "I" form with cross beams at needed distances. Chassis extends mechanically from the front and pneumatically from the rear. Reinforced with KTL protection with Kässbohrer expertise.
Brake System	Antiblocking (ABS) and rolling control system suitable for UN ECE R13 regulation.EBS 2S / 2M braking system of WABCO brand with electro-pneumatic dual-circuit that contains power supply (RSS) and voltage supply (24V) through brake light
Electric System	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
Tyre Size	385/55 R22.5
Container Locks	Equipped with 5 x 2 container locks suitable for carrying 1 x 20 ft at rear, 2 x 20 ft, 1 x 40 ft HC LT and ST, *1 x 45 ft HC ST, 1 x 45 HC LT containers, swap bodies and with wing lock option * 1 x 13.60 Eurobox(* carrying with extra permission)(HC containers and swap bodies are above the permissible height for 1150 mm and higher 5th wheel heights)

### TECHNICAL DATA

Fifth Wheel Height (H5)	1.100 mm
Gooseneck (NH)	130 mm
Wheelbase (Wb)	7.850 mm
Length - Closed Position	11.435 mm
Tare Weight ±%3	4.830 kg

### TECHNICAL CAPACITIES

King Pin Capacity	12.000 kg
Axle Load	27.000 kg
Total Weight	39.000 kg

### ENHANCED FEATURES

#### Container Transport System

6 x 2 container locks suitable for carrying 1 x 20 ft in the middle, 1 x 20 ft at rear, 1 x 30 ft, 1 x 40 ft HC LT and ST, \*1 x45 ft HC ST, 1 x 45 HC LT containers, swap bodies and with wing lock option \* 1 x 13.60 Eurobox (\* with extra permission)

7 x 2 container locks suitable for carrying 1 x 20 ft in the middle, 1 x 20 ft at rear, 2 x 20 ft, 1 x 40 ft HC LT and ST, \*1 x45 ft HC ST, 1 x 45 HC LT containers, swap bodies and with wing lock option \* 1 x 13.60 Eurobox (\* with extra permission)

8 x 2 container locks suitable for carrying 1 x 20 ft in the middle, 1 x 20 ft at rear, 2 x 20 ft, 1 x 30 ft, 1 x 40 ft HC ST and LT, \*1 x 45 ft HC ST, 1 x 45 HC LT containers, swap bodies and with wing lock option \* 1 x 13.60 Eurobox (\* with extra permission)

#### Wide Range of Options

- BPW air suspension disc, drum brake axles
- 1st only or 1st and 3rd axle lifting with driving assistance
- 85 / 65 R22,5 tyres
- 1 unit of spare wheel and holder PWP type
- Full metallization of the chassis
- Alux and Alcoa aluminium rims options
- 1 unit plastic tool box (600 mm x 400 mm x 500 mm)
- 2 units of fire extinguisher holder (without tube)
- ADR plate
- Hubodometer
- Manometer
- Smartboard
- OptiTurn and OptiLoad systems
- Genmark Genset UM5 model

**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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