



K.SHG AVMH THE MOST INNOVATIVE MULTI-FUNCTIONAL CONTAINER CHASSIS BY KÄSSBOHRER

With first of its kind novel octagonal central frame design multi container K.SHG AVMH surpasses the limits of innovation and sets industry standard in container chassis. K.SHG AVMH's 3 way (front, middle and rear) extendable container chassis with gooseneck is engineered to carry the full range of containers from 20 ft to 45 ft HC containers as well as 13.600 mm cargo box and all range of swap bodies.

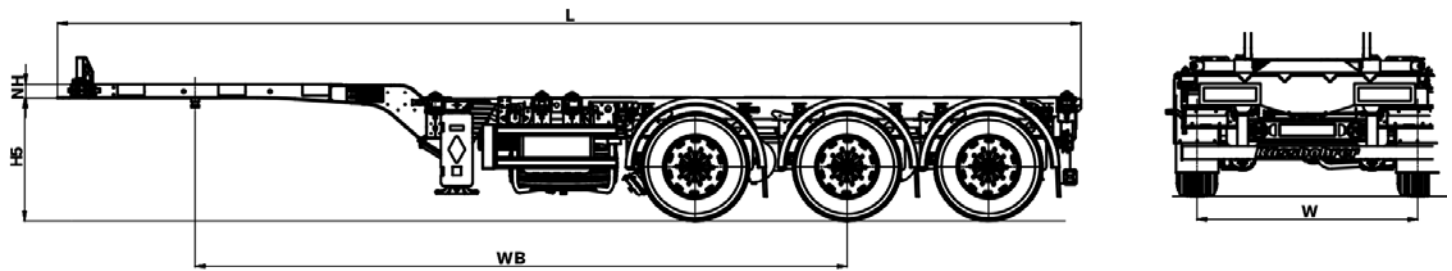
K.SHG AVMH's chassis design provides best traction and weight distribution performance even carrying 20 ft containers at the rear side. KTL coated K.SHG AVMH chassis also partially metallized at the container and chassis touch points to prolong vehicle's lifetime.

Constructed with patented octagonal mid and rear extensions and user-friendly dual pneumatic locking systems at the middle extension to provide operational safety, K.SHG AVMH provides reliability and efficiency in your intermodal operations.



K.SHG AVMH / 45 - 12 / 27

SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Chassis is made of high quality and strength S700 MC, in compliance with Standard ISO 1726-2 consisting of OCTAGONAL box sectioned central chassis structure. Box sections are connected with each other by suitable cross sections. King pin and gooseneck area's strength has been improved by forming necessary interconnections and cross structure for the variable container transportation. Chassis extends mechanically from the front, middle and rear. Reinforced with KTL protection with Kässbohrer expertise.
Brake System	Antilocking (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
Tyre Size	385/55 R22.5
Axles	Valx air suspension and disc brake axle with 3 x 9 ton capacity
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
Container Locks	Equipped with 5 x 2 unit container locks suitable for carrying 1 x 20 ft at rear, 2 x 20 ft, 1 x 30 ft, 1 x 40 ft ISO, 1 x 40 ft HC, 1 x 45 ft HC ST*, 1 x 45 ft HC LT and 1 x 13.60 CB (*With extra permission)(HC and CB containers are above the permissible height for 1150 mm and higher 5th wheel heights)
Metalization	Partial metallization - Long term protection of chassis side frame beams and gooseneck sections against corrosion by (85/15) Zn/Al coating

TECHNICAL DATA

Fifth Wheel Height (H5)	1.100 mm
Gooseneck (NH)	130 mm
Wheelbase Closed Position	6.050 mm
Length - Closed Position	9.485 mm
Tare Weight ±%3	5.130 kg

TECHNICAL CAPACITIES

King Pin Capacity	16.000 kg
Axle Load	27.000 kg
Gross Weight	43.000 kg

ENHANCED FEATURES

Container Transport System

5 x 2 units of container locks to carry 1 x 20 ft at rear, 1 x 30 ft, 1 x 40 ft 28 to 30 ton, 1 x 40 ft HC, 2 x 20 ft, 1 x 45 ft HC LT, 1 x 45 ft HC ST, 1 x 13.600 mm cargo box, 1 x 45 ft intermodal LT

6 x 2 units of container locks to carry 1 x 20 ft at rear, 1 x 20 ft in the middle, 1 x 30 ft, 1 x 40 ft 28 to 30 ton, 1 x 40 ft HC, 2 x 20 ft, 1 x 45 ft HC LT, 1 x 45 ft HC ST, 1 x 13.600 mm cargo box, 1 x 45 ft intermodal LT

Wide Range of Options

Valx or BPW air suspension disc, drum brake axles

1st only or 1st and 3rd axle lifting with driving assistance

385 / 65 R22,5 tyres

1 unit of spare wheel and holder PWP type

Full metallization of the chassis

Alux outside mirror and machined finish aluminum rim 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

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.

Kässbohrer Sales GmbH

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K.SHG L LIGHT CONTAINER CHASSIS BY KÄSSBOHRER

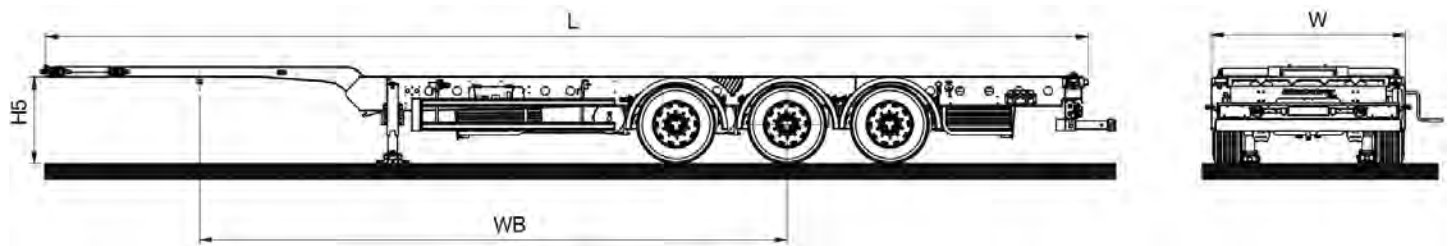
Kässbohrer's gooseneck light container chassis K.SHG L is engineered to handle both containers and swap bodies ranging from C45 to C55. Kässbohrer's light chassis technology reduces its tare weight below 3.900 kg, allowing higher payload and lower fuel consumption.

K.SHG L's ingenious design allows the safe and easy loading of containers with only four locks. K.SHG L offers a user-friendly operation when switching between 40 ft and 45 ft containers thanks to the design that allows switching the positioning of front container locks that eliminates the need for an extendable gooseneck.



K.SHG L / 45 - 15 / 27

SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Made of high quality and high strength 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. Chassis has 2 king-pin position. Reinforced with KTL protection with Kässbohrer expertise (10 years warranty for perforation)
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
Tyre Size	385/55 R22.5
Axles	BPW air suspension and disc brake axle with 9 ton capacity each
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
Container Locks	Equipped with 2 x 2 container locks suitable for carrying 1 x 45 ft HC LT container (HC containers 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)	7.480 mm
External Length (L)	13.340 mm
Tare Weight ±%3	3.940 kg

TECHNICAL CAPACITIES

King Pin Capacity	15.000 kg
Axle Load	27.000 kg
Gross Weight	42.000 kg

ENHANCED FEATURES

Container Transport System

2 x 2 units of container locks to carry 1 x 45 ft HC containers
2 x 2 units of container locks to carry 1 x 40 ft HC or 1 x 45 ft HC (over 4.040 mm) containers (optional)

Wide Range of Options

Valx or BPW air suspension disc or drum brake axles

1st or 1st and 3rd axle lifting with driving assistance

385 / 65 R22,5 tyres

1 unit of spare wheel and holder PWP type

1 unit plastic tool box (400 mm x 480 mm x 600 mm)

1 unit of fire extinguisher holder (without tube)

ADR package

Hubodometer

Manometer

Smartboard

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K.SHG S ENDURING PERFORMANCE BY KÄSSBOHRER

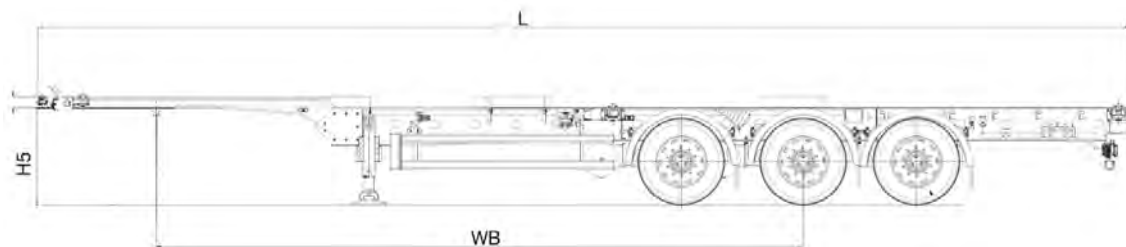
Engineered to provide you flexibility and efficiency in operations, Kässbohrer container chassis with gooseneck, K.SHG S, offers the best load distribution for maximum maneuverability, especially at narrow and difficult curves. Equipped with 8 container locks, K.SHG S is suitable for the container transportation from 20 ft up to 40 ft high cube with long tunnel containers.

In consideration of fast and demanding container loading operations, K.SHG S's chassis is KTL coated to enhance the product lifetime. K.SHG S is designed to meet your operational challenges with options such as additional container locks to carry 45 ft high cube long tunneled containers, self-steering axles and a hydraulic rear loading platform.



K.SHG S / 40 - 12 / 27

SPECIFICATIONS



TECHNICAL INFORMATION

Chassis	Made of high quality and high strength 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. Chassis has 2 king-pin position. Reinforced with KTL protection with Kässbohrer expertise (10 years warranty for perforation)
Brake System	Antilocking (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 (24N) through brake light
Tyre Size	385/65 R22.5
Axles	BPW air suspension and drum brake axle with 9 ton capacity each
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
Container Locks	Equipped with 4 x 2 container locks suitable for carrying, 2 x 20 ft, 1 x 40 ft HC container (HC containers are above the permissible height for 1150 mm and higher 5th wheel heights)

TECHNICAL DATA

Fifth Wheel Height (H5)	1.150 mm
Gooseneck (NH)	130 mm
Wheelbase (WB)	7.480 mm
External Length (L)	12.730 mm
Tare Weight ±%3	4.520 kg

TECHNICAL CAPACITIES

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

ENHANCED FEATURES

Container Transport System

- 4 x 2 units of container locks to carry 2 x 20 ft, 1 x 40 ft HC containers
- 4 x 2 units of container locks to carry 2 x 20 ft, 1 x 40 ft HC, 1 x 45 ft HC containers (optional)
- 6 x 2 units of container locks to carry 2 x 20 ft, 1 x 20 ft in the middle, 1 x 30 ft, 1 x 40 ft HC containers (optional)
- 7 x 2 units of container locks to carry 2 x 20 ft, 1 x 20 ft mid section, 1 x 30 ft, 1 x 40 ft HC, 1 x 45 ft HC containers (optional)

Wide Range of Options

- Valx or BPW air suspension disc or drum brake axles
- 1st or 1st and 3rd axle lifting with driving assistance
- 385 / 55 R22,5 tyres
- 1 unit of spare wheel and holder PWP type
- 3.000 mm length rigid loading platform, 7,2 ton capacity at rear
- 2.270 mm length rigid loading platform and additional 1.000 mm pneumatic liftable forklift entrance ramp, 7,2 ton capacity at rear
- Extendable rear bumper (to carry 45 ft)
- 1 unit plastic tool box (600 mm x 400 mm x 500 mm)
- 2 units of fire extinguisher holder (without tube)
- ADR package
- Hubodometer
- Smartboard

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