

ENGINEUITY
SINCE 1893



CONTAINER CHASSIS
PRODUCT SERIES PRESENTATION

K.SHG AH / 45 – 12 / 27



ENGINEUITY, SINCE 1893





PRODUCT RANGE

EXTENDABLE PRODUCT SERIES





CONTENT

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

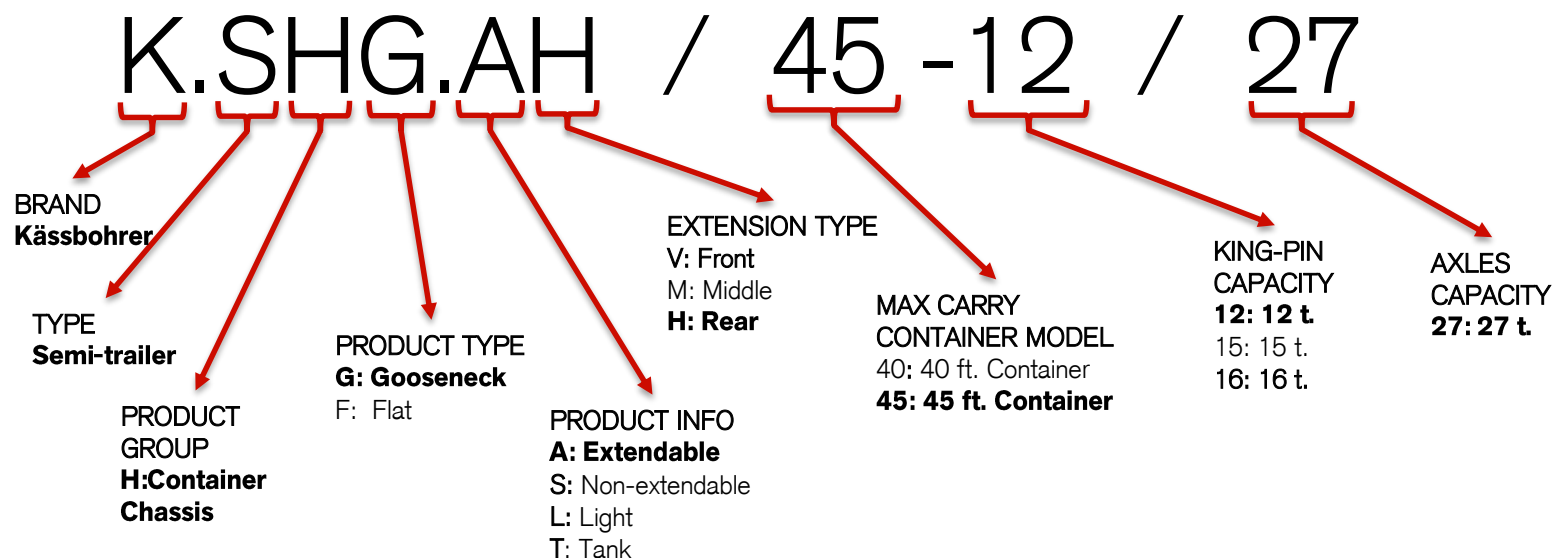


CONTENT

1. **PRODUCT RANGE AND TERMINOLOGY**
2. TECHNICAL SPECIFICATIONS
3. KEY FEATURE
4. PRODUCT CONFIGURATION



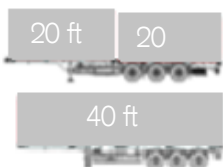
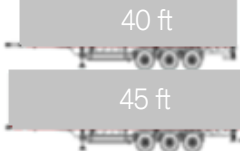














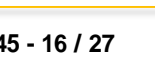




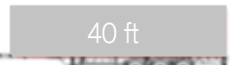





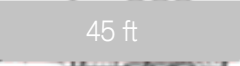



















PRODUCT TERMINOLOGY

GOOSENECK AND FLAT CONTAINER CHASSIS SERIES



NEW PRODUCT SERIES

GOOSENECK AND FLAT CONTAINER CHASSIS SERIES

FLAT CONTAINER CHASSIS		GOOSENECK CONTAINER CHASSIS			
		NON-EXTENDABLE		EXTENDABLE	
SHF / 20 - 12 / 27	SHF T / 20 - 12 / 27	SHG DRL 40 - 15 / 24	SHG LS / 45 - 12 / 27	SHG AH / 40 - 12 / 27	SHG AVH / 45 - 12 / 27
					
					
					
					
					
					
SHF / 40 - 12 / 27	SHF / 45 - 12 / 27	SHG S / 40 - 12 / 27	SHG L / 45 - 12 / 27	SHG.AVMH / 45 - 16 / 27	SHG.AMH / 40 - 16 / 27
					
					
					
					
					
					

PRODUCT SERIES

ENGINEERED TO EXTEND FOR MULTIPLE CONTAINER SIZES

Rear Extendable Container Chassis



K.SHG AH / 45 – 12 / 27

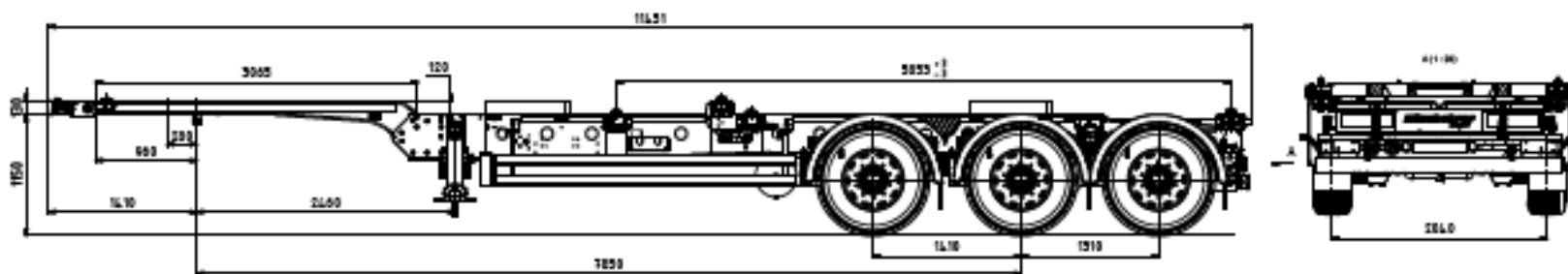


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K.SHG AH / 45 – 12 / 27

TECHNICAL SPECIFICATIONS



1- Total Length (Extended)

11.450 mm

2- Wheel Base (Extended)

7.850 mm

3- Neck Height

130 mm

4- 5th Wheel Height

1.100 mm

5- Total Width

2.550 mm

6- Technical King Pin Load

12.000 kg

7- Tires

385/55 R22.5 Tires

7- Tare Weight (\pm %3)

5.340 kg

8- Total Weight

39.000 kg

9- Payload

33.660 kg



CONTENT

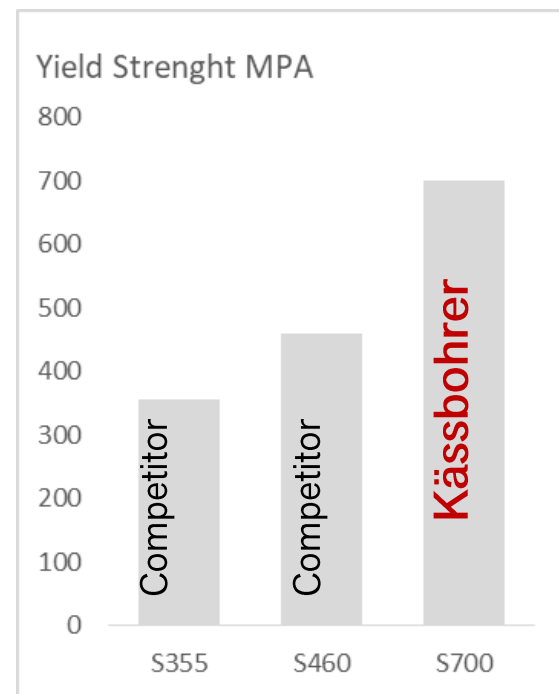
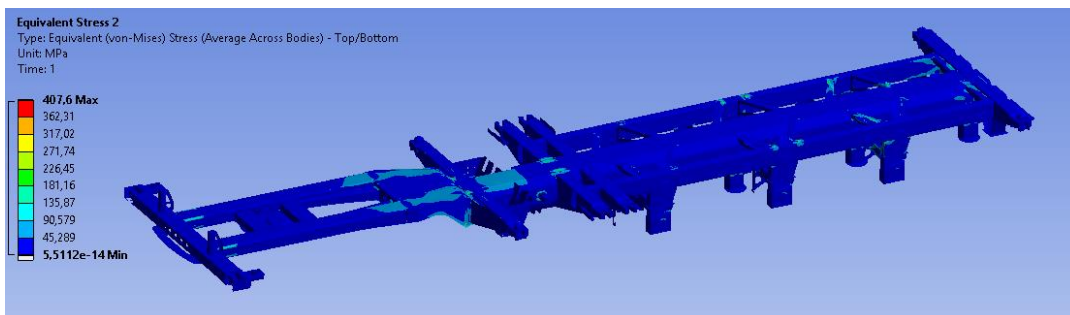
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KEY FEATURES

ACCLAIMED ROBUST CHASSIS WITH HIGH PAYLOAD CAPACITY

The extra high strength steel grades are used in applications such as truck/trailer chassis, cranes and earthmoving machines. In these applications, the high strength of the steels is used to save weight and/or to increase the payload.

As a result of this, formability of the steels and the total costs is reduced



KEY FEATURES

10 YEARS WARRANTY AGAINST RUST PERFORATION

- Cataphoretic coating (KTL) application to chassis frame to withstand adverse weather conditions and tough road conditions.
- Zinc-phosphate tri-electron cataphoretic coating provides protection against rust perforation.
- KTL is standard for all Kässbohrer container chassis product family.



KEY FEATURES

MULTIFUNCTIONAL CHASSIS FOR OPERATIONAL FLEXIBILITY

Kässbohrer engineered K.SHG AH for the best load distribution in transportation of different types of containers. Equipped with 5x2 container locks, K.SHG AH can carry containers from 20 ft. up to 45 ft. High cube containers with long tunnel

- 1 x 20 ft. Rear Flush
- 2 x 20 ft.
- 1 x 40 ft. ISO
- 1 x 40 HC
- 1 x 45 HC Long Tunnel (not legal limits)
- 1 x 45 HC Short Tunnel (not legal limits)
- 1 x 13600 CB (not legal limits)

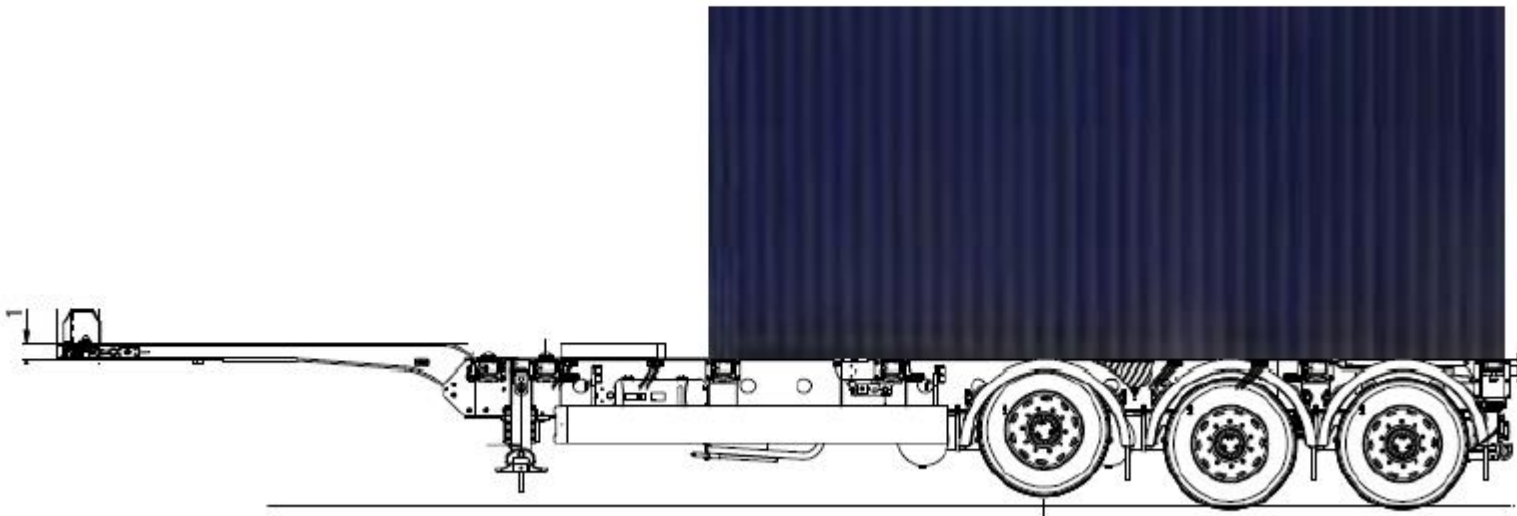




KEY FEATURES

LOADING POSITIONS

20 FT. REAR FLUSH

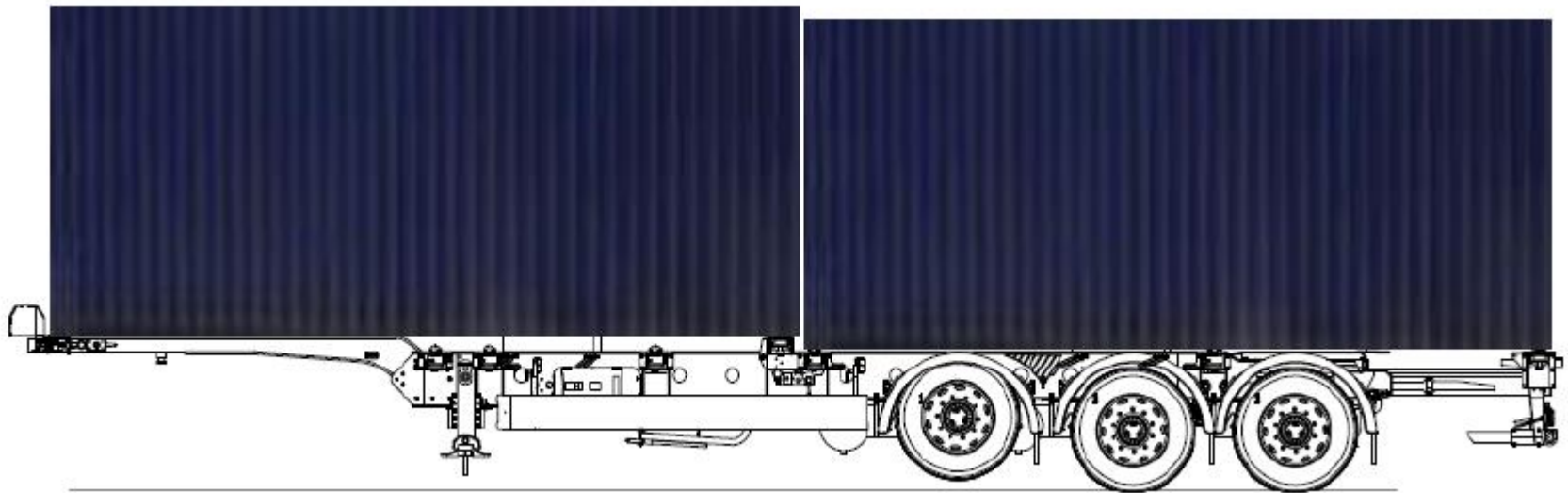




KEY FEATURES

LOADING POSITIONS

2x20 FT.

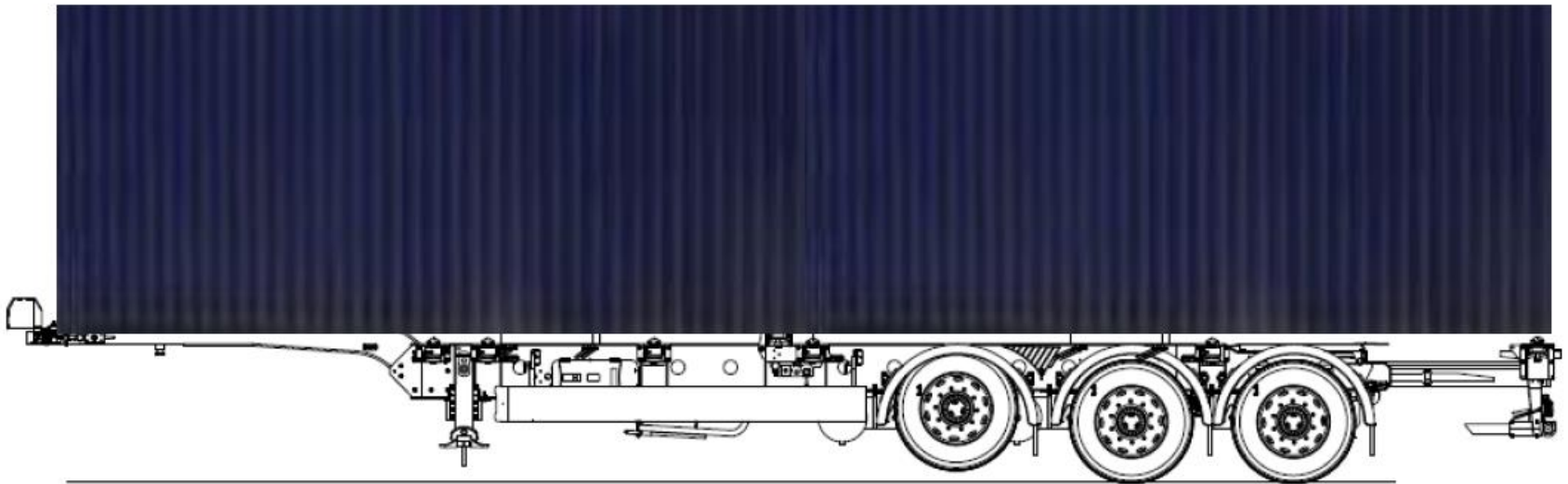




KEY FEATURES

LOADING POSITIONS

1x40 FT. ISO

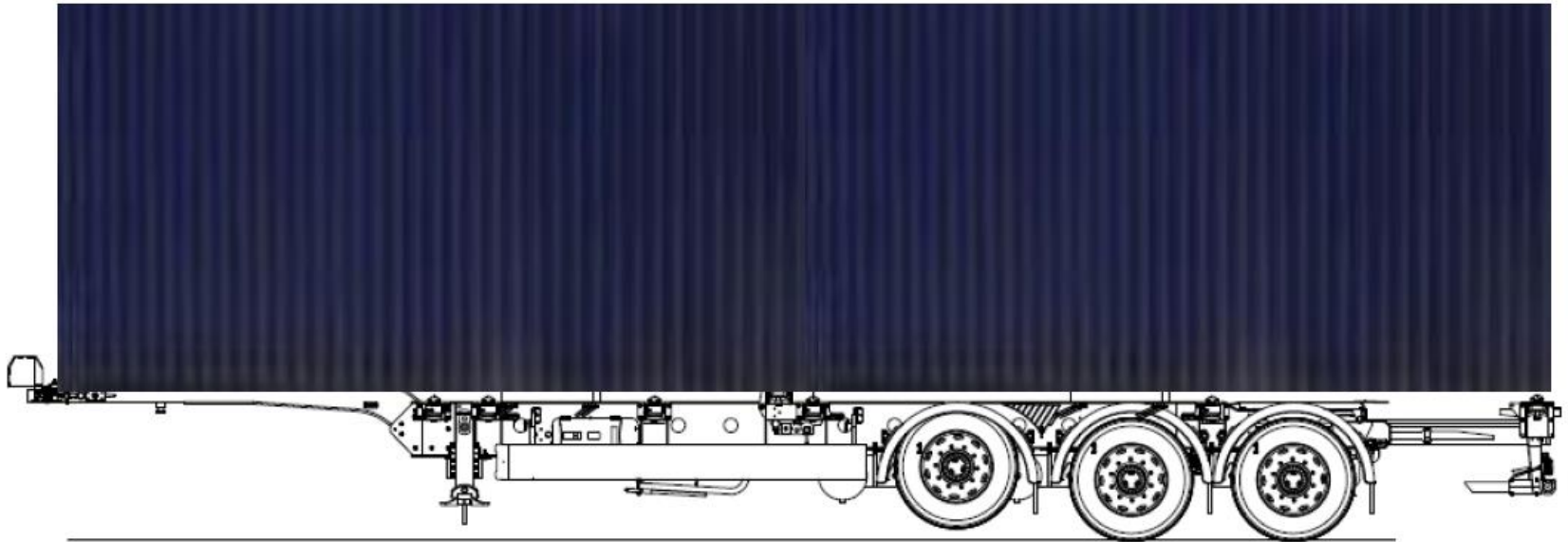




KEY FEATURES

LOADING POSITIONS

1x40 FT. HC

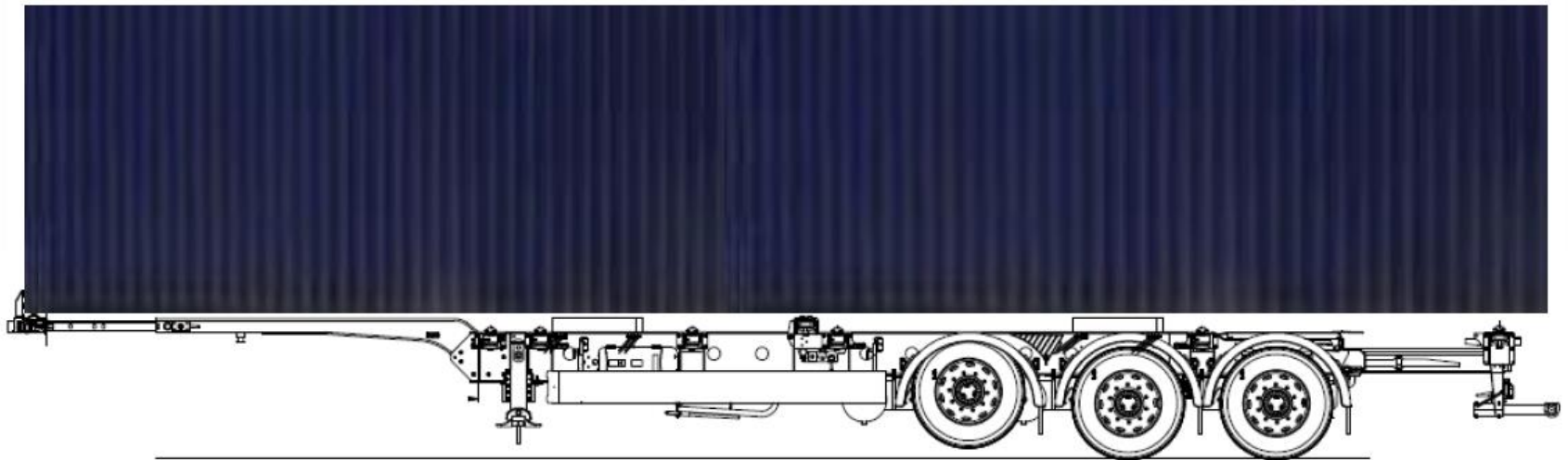




KEY FEATURES

LOADING POSITIONS

1x45 FT. LT (not legal limits)





KEY FEATURES

LOADING DISTRIBUTION

Loading Position	Total Container Weight (kg)	King Pin Load		Axle Load		Total Weight
		(kg)	(%)	(kg)	(%)	(kg)
1x20 At Rear	25.000	3.730	12%	26.970	88%	30.700
1x20 Central Mounted	26.800	9.530	29%	22.970	71%	32.500
2x20	26.800	10.280	32%	22.220	68%	32.500
1x30	26.000	4.930	16%	26.770	84%	31.700
1x40 HC	26.800	10.280	32%	22.220	68%	32.500
1x45 Ft ST	26.800	7.960	24%	24.540	76%	32.500
1x45 Ft LT	26.800	10.280	32%	22.220	68%	32.500
1x13.60 C.B	26.800	7.860	24%	24.640	76%	32.500

Truck Weight

7500 kg



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NEW PRODUCT SERIES STANDARD CONFIGURATION

Axle and Suspension

3 x BPW disc axles, 9 ton technical capacity, air suspension and disc brakes

Brake System

Wabco EBS 2S/2M double circuit brake system with RSS, spring-actuated parking brake in accordance with EC Directive 71/320 EEC

Electric System

24 Volt lighting installation with 2 x 7 + 1 x 16 pin plug socket, according to EC Directive

Tyres and Rims

6 units 385/55 R 22.5 tyres, steel rims for disc brake axle, brand : Kässbohrer's choice





NEW PRODUCT SERIES

STANDARD CONFIGURATION

Chassis

High tension welded chassis made of S700 MC and reinforced with KTL protection

Container Locks

5 x 2 units container locks;
1 x 20 ft. rear loading
2 x 20 ft.
1 x 40 ft. and 1 x 40 ft. HC
1 x 45 ft. HC (not legal limits)





NEW PRODUCT SERIES

STANDARD CONFIGURATION

King Pin Capacity

JOST king pin with 16 ton capacity

Landing Gear

2X12 tons JOST mechanical landing gear, 2 speeds

Standard Accessories

Underrun protection, 2 ECE R70 rear reflectors, wheel chocks, anti-spray mudguards, "I"-type steel ramp buffer, lateral protection device made of steel profiles can be swiveled upwards according to 89/297/EEC



NEW PRODUCT SERIES OPTIONAL FEATURES

Wide Range of Options

- 1st or 1st and 3rd axle lifting with driving assistance from truck or trailer
- 3 x BPW axles, 9 ton technical capacity, air suspension and drum brakes
- 3 x Valx axles, 9 ton technical capacity, air suspension and disk brakes
- 8 x 2 unit container locks – ensures 1x30 ft container transportation and 1 x 20 ft. container to be loaded at the midsection.
- 7 x 2 unit container locks – ensures 1x30 ft container transportation
- 6 x 2 unit container locks – ensures 1x20 ft container to be loaded at the rear and midsection.
- Loading Platform – 1.100 mm single piece loading platform with forklift capacity of 5.460 kg.



NEW PRODUCT SERIES OPTIONAL FEATURES

Wide Range of Options

- ADR ready package
- 1 x Spare wheel holder - PWP type
- 6 + 1 units 385/65 R 22.5 tires
- 1 x Plastic Tool Box (400 mm. x 480 mm. x 600 mm.)
- 1.150 mm Fifth wheel height
- Smart Board
- Opti-turn system (Wabco)
- 385/65 R22.5 tyres
- Michelin tyres
- Hubodometer
- Fire extinguisher box up to 2 units
- Document box
- Logo and Fleet number application



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THANK YOU FOR YOUR ATTENTION