



DEPENDABLE FOR
EFFICIENT OPERATIONS
BOX & REEFER SEMI-TRAILERS





SAFE TRANSPORTATION OF **VARIETY & SENSITIVE GOODS**

K.SBT & K.SBT C

Dry Freight Plywood Box Series

Kässbohrer provides robust Dry Freight Plywood Box vehicles for versatile operations in Standard, City, and Intermodal product groups.

Kässbohrer Dry Freight Plywood Box K.SBT, Dry Freight Forced Steering Plywood Box K.SBT C and Dry Freight City Plywood Box K.SBT CS, and Dry Freight Intermodal Plywood Box K.SBT T are ready to take your operations to the next level.

Kässbohrer Box vehicles are designed for the safety and efficiency of your operations while its many options meet your specific needs. Box vehicles are specially designed with their durable high-strength S460MC steel full chassis for challenging conditions. Moreover, the vehicle stands for robustness with its 20 mm thick smooth plywood walls, 7.2-ton forklift capacity phenol resin-coated plywood floor as standard, EN 12642 Code XL certificated upper structure and KTL Coated Steel Front Panel.

Kässbohrer offers 2 vehicles developed specially for City operations, respectively Dry Freight City Plywood Box K.SBT CS and Dry Freight Forced Steering Plywood Box K.SBT C. Kässbohrer K.SBT CS with 1 or 2 axle is engineered to conquer the city roads with a length of only 11.025 mm and a mechanical steering axle.

In order to strengthen its customers' intermodal operations, Kässbohrer developed Dry Freight Intermodal Plywood Box K.SBT T that is supplied with crane pockets and is suitable for e,f,g and i type railway wagons according to IRS 50596-6 as standard.



K.SRI F & K.SRI C

Reefer Series

Kässbohrer Reefer series, Standard Reefer K.SRI C and Flower Carrier K.SRI F are engineered for safe guaranteed transport of temperature sensitive goods.

Reefer series is specially designed with full chassis made of S700 steel hence presenting the most robust yet light construction. With aluminum floor complies with EN 283 norm, Kässbohrer Reefers are resistant to 7.200 kg forklift capacity.

Kässbohrer Reefers are offered with an inner height of 2.650 mm and an inner width of 2.460 mm as standard to provide maximum load capacity.

Kässbohrer Reefer addresses damages often occurring in warehouse loading operations by ingenious rear frame design through the rear door that is equipped with full rear rubber buffer across rear width and hinge protection rubber buffers fitted vertically full height of the rear frame. With 4 aluminum alloy hinges, the rear door provides robustness and is customs-compliant preventing cargo theft securely.

With the Double Deck option, Kässbohrer Reefers can take up to 66 Euro pallets on two levels. Kässbohrer Flower Carrier K.SRI F offers an inner height of 2.700 mm and an internal width of 2.500 mm perfect fit for flower transportation. K.SRI F's integrated lashing rails fix the loads during operations to enable load security. Additionally, the vehicle can be equipped with a mechanical steering axle to provide excellent maneuverability in narrow city roads as an option.





GUARANTEED FOR **EVERY CLIMATE**

GRP Panel Technology **Most Stable Cooling Environment**

Equipped with GRP panel technology, Kässbohrer reefers guarantee stable cooling with lowest energy consumption in every climate from North Africa to North Eurasia in compliance with ATP regulation.

GRP panels stand for glass reinforced polyurethane where this composite material covers the isolation material. Because of the material properties, GRP is "reflecting" the sunlight although the competition steel technology "absorbs" the sunlight. This technology results in less heat transfer through the walls and with the state of the art isolation, it's natural to have the best K-Value, which means the best heat transfer coefficient.

With its lower K-Value (means less heat transfer through the walls), Kässbohrer Reefers have a more stable cooling environment and enable less energy consumption to maintain the targeted transportation degree. Kässbohrer Reefer offers -20 to +12 degrees FRC transportation capacity including multi-temperature transportation via a robust separation wall with least amount of fuel consumption in every climate.



Approved **Safety & Security Certification**

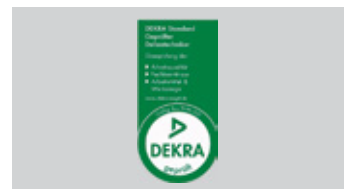
Kässbohrer responds to the needs for the cold chain transportation of goods such as frozen goods, fresh products, and pharmaceuticals with its reefers. Kässbohrer vehicles are in compliance with FRC, Pharma, HACCP and Code XL certifications and officially stated.

For -20 to +12 degrees perishable good transportation also known as cold chain Transportation, Kässbohrer Reefers complies with FRC certificate.

The vehicles can be equipped with Pharma Certificate for pharmaceutical material transportation which is an obligatory certification for drugs, vaccines and medical load transportation.

Offered with HACCP Certificate, Kässbohrer Reefers guarantee food safety during operations.






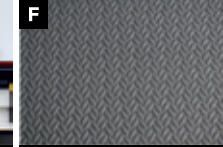












Moreover, Kässbohrer Reefers are equipped with EN 12642 Code XL certificate to enable load safety.







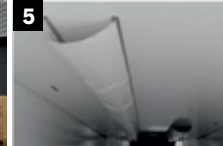












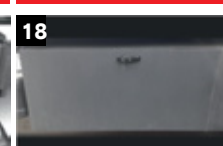

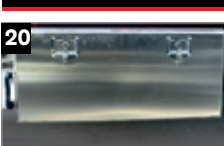

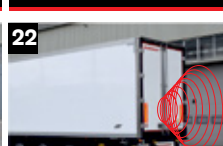






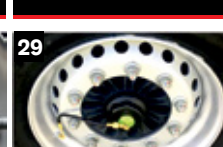

	PRODUCT	STANDARD REEFER	FLOWER REEFER	
		K.SRI C / 10 - 12 / 27	K.SRI F / 10 - 12 / 27	K.SRI FC / 120 - 15 / 27
TECHNICAL SPECIFICATIONS	PRODUCT TYPE	Standart Reefer	Flower Reefer	Forced Steering Axle Flower Reefer
	INTERNAL HEIGHT	2.650 mm	2.700 mm	2.540 mm
	TOTAL HEIGHT	4.020 mm	4.020 mm	4.020 mm
	COUPLING HEIGHT	1.150 mm	1.100 mm	1.150 mm
	REAR LOADING HEIGHT	2.643 mm	2.963 mm	2.533 mm
	INNER WIDTH	2.460 mm	2.500 mm	2.500 mm
	TOTAL WIDTH	2.600 mm	2.600 mm	2.600 mm
	TOTAL LENGHT	13.600 mm	13.600 mm	13.600 mm
	INTERNAL LENGTH	13.385 mm	13.385 mm	13.385 mm
	PALLET CAPACITY	33 Euro Pallets	33 Euro Pallets	33 Euro Pallets
	KING-PIN CAPACITY	12.000 kg	12.000 kg	15.000 kg
	AXLE LOAD	27.000 kg	27.000 kg	27.000 kg
	GROSS WEIGHT	39.000 kg	39.000 kg	42.000 kg
	WHEELBASE	7.700 kg	7.700 kg	7.060 kg
	GOOSENECK HEIGHT	10 mm	10 mm	120 mm
	TAKE WEIGHT	-	-	-
	CHASSIS MATERIAL	S700MC	S700MC	S700MC
ANTI-CORROSION	KTL Coated (S)	KTL Coated (S)	KTL Coated (S)	
CHASSIS TYPE	Double "I" beam	Double "I" beam	Double "I" beam	
RUNNING GEAR	AXLES	3x9 tons capacity BPW dics brake axles	3x9 tons capacity BPW dics brake axles	3x9 tons capacity BPW dics brake axles, last axle mechanical forced steering
	TYRE SIZE	385 / 65 R 22,5	385 / 65 R 22,5	385 / 65 R 22,5
	RIM TYPE	-	-	-
	BRAKE SYSTEM	Wabco double-circuited electro pneumatic brake system including EBS 2S/2M with premium modulator	Wabco double-circuited electro pneumatic brake system including EBS 2S/2M with premium modulator	Wabco double-circuited electro pneumatic brake system including EBS 2S/2M with premium modulator
	ELECTIC SYSTEM	24 Volt lighting installation with 2x7 + 15 pin plug socket, according to Directive 75 / 756 / EEC	24 Volt lighting installation with 2x7 + 15 pin plug socket, according to Directive 75 / 756 / EEC	24 Volt lighting installation with 2x7 + 15 pin plug socket, according to Directive 75 / 756 / EEC
	LANDING GEAR	Jost, 24 tons capacity	Jost, 24 tons capacity	Jost, 24 tons capacity
UPPER STRUCTURE	SIDE PANELS	Highly-insulated 61 mm glass reinforced polyester sandwich side panel technology (A)	45 mm glass reinforced polyster sandwich side panel technology (A)	45 mm glass reinforced polyster sandwich side panel technology (A)
	FLOOR	7.200 kg forklift axle load capacity Aluminum Floor (F)	7.200 kg forklift axle load capacity Aluminum Floor (F)	7.200 kg forklift axle load capacity Aluminum Floor (F)
	ROOF	84 mm glass reinforced polyester sandwich roof with 4 LED lights	84 mm glass reinforced polyester sandwich roof with 4 LED lights	84 mm glass reinforced polyester sandwich roof with 4 LED lights
	FRONT PANEL	73 mm front panel suitable for cooling unit montage (H)	73 mm front panel suitable for cooling unit montage (H)	73 mm front panel suitable for cooling unit montage (H)
	REAR DOOR	85 mm double-winged and GRP covered insulated foor with reliably secured aluminum hinges (B)	85 mm double-winged and GRP covered insulated foor with reliably secured aluminum hinges (B)	85 mm double-winged and GRP covered insulated foor with reliably secured aluminum hinges (B)
	DOUBLE DECK	-	-	-
LOAD SECURITY	CODE XL CERTIFICATE	Load security certificate according EN 12642 Code XL (I)	Load security certificate according EN 12642 Code XL (I)	Load security certificate according EN 12642 Code XL (I)
	LOAD SECURITY RAILS	Non-integrated load security rails	Galvanized steel recessed into side walls load security rails	Galvanized steel recessed into side walls load security rails
	FRC CERTIFICATE	Included	Included	Included
	HACCP CERTIFICATE	Included	Included	Included
	PHARMA CERTIFICATE	Available (7)	Available (7)	Available (7)
	LASHING RINGS	-	-	-

	DOUBLE-DECK REEFER	DRY FREIGHT PLYWOOD BOX			
	K.SRI P / 10 - 12 / 27	K.SBT / 20 - 12 / 27	K.SBT C / 20 - 12 / 18	K.SBT CS / 20 - 12 / 18	K.SBT T / 20 - 12 / 27
TECHNICAL SPECIFICATIONS	DOUBLE-deck Reefer	Plywood Box	Forced Steering Plywood Box	City Plywood Box Trailer	Intermodal Plywood Box
	2.700 mm	2.725 mm	2.645 mm	2.715 mm	2.715 mm
	4.020 mm	4.020 mm	4.030 mm	4.030 mm	4.020 mm
	1.100 mm	1.150 mm	1.150 mm	1.150 mm	1.150 mm
	2.693 mm	2.685 mm	2.605 mm	2.675 mm	2.685 mm
	2.460 mm	2.490 mm	2.490 mm	2.490 mm	2.490 mm
	2.500 mm	2.550 mm	2.550 mm	2.550 mm	2.550 mm
	13.600 mm	13.700 mm	13.700 mm	11.115 mm	13.700 mm
	13.385 mm	13.620 mm	13.620 mm	11.075 mm	13.620 mm
	66 Euro Pallets	34 Euro Pallets	34 Euro Pallets	27 Euro pallets	34 Euro pallets
	12.000 kg	12.000 kg	12.000 kg	12.000 kg	12.000 kg
	27.000 kg	27.000 kg	18.000 kg	18.000 kg	27.000 kg
	39.000 kg	39.000 kg	30.000 kg	30.000 kg	39.000 kg
	7.700 kg	7.455 mm	8.110 mm	6.000 mm	7.700 mm
	10 mm	100 mm	180 mm	130 mm	100 mm
	-	-	-	6.800 kg	7.700 kg
	S700MC	S460MC Steel	S460MC Steel	S460MC Steel	S460MC Steel
KTL Coated (S)	KTL Coated (S)	KTL Coated (S)	KTL Coated	KTL Coated	
Double "I" beam	Made of two welded longitudinal beams in "I" form	Made of two welded longitudinal beams in "I" form	Made of two welded longitudinal beams in "I" form	Made of two welded longitudinal beams in "I" form	
3x9 tons capacity BPW dics brake axles	Pneumatic assembly with BPW dics brakes and 9 t load capacity	Pneumatic assembly with BPW dics brakes, second axle mechanic forced steering	Pneumatic assembly with BPW disc brakes, second axle mechanic forced steering	Pneumatic assembly with BPW disc brakes and 9t load capacity	
385 / 65 R 22,5	385 / 65 R 22,5	385 / 65 R 22,5	385/55 R22,5	385/65 R22,5	
-	-	-	Steel offset	Steel offset	
Wabco double-circuited electro pneumatic brake system including EBS 2S/2M with premium modulator	Wabco EBS 2S/2M double circuit brake system with RSS with premium modulator	Wabco EBS 2S/2M double circuit brake system with RSS with premium modulator	Wabco EBS 2S/2M double circuit brake system with RSS	Wabco EBS 2S/2M double circuit brake system with RSS	
24 Volt lighting installation with 2x7 + 15 pin plug socket, according to Directive 75 / 756 / EEC	Lighting installation with 24 V LED side position lamp and 2x7 and 1x15 pin sockets, in compliance with Regulation UN ECE R48	Lighting installation with 24 V LED side position lamp and 2x7 and 1x15 pin sockets, in compliance with Regulation UN ECE R48	Lightning installation with 24 V LED side position lamp and 2 x 7 and 1 x 15 pin sockets, in compliance with Regulation UN ECE R48	Lightning installation with 24 V LED side position lamp and 2 x 7 and 1 x 15 pin sockets, in compliance with Regulation UN ECE R48	
Jost, 24 tons capacity	Kässbohrer landing gear, 24 tons capacity	Kässbohrer landing gear, 24 tons capacity	Kässbohrer landing gear, 24 tons capacity	Kässbohrer landing gear, 24 tons capacity	
Highly-insulated 61 mm glass reinforced polyester sandwich side panel technology (A)	20 mm plywood side panels with 325 mm height kinking plate (J)	20 mm plywood side panels with 325 mm height kinking plate (J)	20 mm plywood side panels with 325 mm height kicking plate	20 mm plywood side panels with 325 mm height kicking plate, Suitable for e-f-g-i type rail way wagon	
7.200 kg forklift axle load capacity Aluminum Floor (F)	Phenol resin coated, 30 mm thick and water resisant plywood flooring that can support 7.200 kg forklift axle load (N)	Phenol resin coated, 30 mm thick and water resistant plywood flooring that can support 7.200 kg forklift axle load (N)	Phenol resin coated, 30 mm thick and water resistant plywood flooring that can support 7.200 kg forklift axle load	Phenol resin coated, 30 mm thick and water resistant plywood flooring that can support 7.200 kg forklift axle load	
84 mm glass reinforced polyester sandwich roof with 4 LED lights	Translucent flor white GRP roof reinforced with galvanized coated omegas, with 4 LED lights (O)	Translucent flor white GRP roof reinforced with galvanized coated omegas, with 4 LED lights (O)	Translucent flor white GRP roof reinforced with galvanized coated omegas, with 4 LED lights.	Translucent flor white GRP roof reinforced with galvanized coated omegas, with 4 LED lights.	
73 mm front panel suitable for cooling unit montage (H)	20 mm with 1,220 mm height Plywood Kick Plate (K)	20 mm with 1,220 mm height Plywood Kick Plate (K)	20 mm steel with 1220 height plywood kick plate	20 mm steel with 1220 height plywood kick plate	
85 mm double-winged and GRP covered insulated foor with reliably secured aluminum hinges (B)	Double hidden lock, aluminum profile door with 2 units of wings (L)	Double hidden lock, aluminum profile door with 2 units of wings (L)	Double hidden lock, aluminium profile door with 2 units of wings	Double hidden lock, aluminium profile door with 2 units of wings	
24 pcs fully integrated vertical double-deck rails and 22 double-deck pcs bars	-	-	-	-	
Load security certificate according EN 12642 Code XL (I)	Load security certificate according EN 12642 Code XL (I)	Load security certificate according EN 12642 Code XL (I)	Load security certificate according EN 12642 Code XL	Load security certificate according EN 12642 Code XL	
Galvanized steel recessed into side walls load security rails	Galvanized steel load security rails	Galvanized steel load security rails	Galvanised steel load security rails	Galvanised steel load security rails	
Included	-	-	-	-	
Included	-	-	-	-	
Available (7)	-	-	-	-	
-	13x2 lashing rings embedded to floor according to DIN 75410	13x2 lashing rings embedded to floor according to DIN 75410	11 x 2 lashing rings embedded to floor according to DIN 75410	13 x 2 lashing rings embedded to floor according to DIN 75410	

STANDARD FEATURES

 GRP Panel Technology	 Robust Rear Door with Stainless Steel Frame	 Strong Rear Closure	 Aluminum Eloxal Frame	 Custom Sealed Hinges	 Aluminum Floor
 Kick Plate Welded Floor	 Front Panel Omega Profiler	 Code XL Certificate	 Plywood Panels	 Steel Front Panels	 Aluminum Rear Door
 Front Protection Plate	 Plywood Floor	 Translucent Roof	 BPW Axles	 Rear Entrance Plate	 KTL Coated Chassis

OPTIONS

 Double Deck	 Integrated Rails	 Separation Wall	 Tail Lift	 Tube Type Air Duct	 Mechanic Lock
 Pharma Certificate	 FRC Certificate	 240 lt Fuel Tank	 Steel Shock Absorber Ramp Buffer	 Shutter Door	 Cantilever Lift
 Insulated Roof	 Laminated Hardwood Floor	 Plastic Toolbox 600 mm	 Plastic Toolbox 1.000 mm	 KTL Coated Foodbox	 KTL Coated Steel Toolbox
 Pallet Box	 Stainless Steel Toolbox	 Immobilizer	 Tailguard	 Electronic Lock	 Round Fixing Bars
 Break Pad Wear Indicator	 Smart Board	 Telematic	 Tire Pressure	 System pompowania opon	 Optiturn/optiload



WE KNOW YOUR KÄSSBOHRER **AND WE WANT TO TAKE CARE OF IT**

Kässbohrer develops vehicles that push the boundaries of innovation and builds them to last. As our products are attuned to the needs of our customers worldwide, so are our services.

Taking care of your needs where ever your operations are in Europe, 95% of our ever-growing competent after-sales service network is certified to serve Europe's widest product range. Kässbohrer's website is constantly updated with the latest information for your convenience.

With K-Advance Care Service Packages tailored to each customer's operational needs as well as a 24/7 Kässbohrer Hotline available in 27 countries and 23 languages, Kässbohrer's after-sales services are attuned to meet the versatile requirements.





KÄSSBOHRER

PRODUCTION WORLDWIDE

Powered by its motto “Enginuity”, Kässbohrer pushes the boundaries of vehicle engineering to meet the versatile needs of its customers worldwide. Winner of the prestigious Trailer Innovation Award, Kässbohrer vehicle quality is secured by the technological expertise of its production processes.

For now and in the future, Kässbohrer will continue developing products and services to take your business to the next level.



Ulm Plant | Germany

In 2017, Kässbohrer returned back home with its production facility investment in Ulm. Operating in 35.000 m², Ulm Plant serves as the main production facility for Southern Germany and the neighboring countries. Fully offering and servicing Kässbohrer's incomparably product range as the main sales and after-sales center, Ulm plant is also our spare parts warehouse.



Goch Plant | Germany

Since 2002, Goch Factory, operating in a total area of 108.000 m² is one of two production facilities in Germany. Serving as the main production and PDI center for Northern Europe, Goch Facility serves as after-sales and sales center for Nordrhein Westfalen Region as well as our spare parts warehouse.



Adapazari Plant | Turkey

Adapazari is Kässbohrer's biggest production plant with a total production area of 365.000 m² and has a total production capacity of 20.000 units. Adapazari plant hosts R&D and prototype test centers on the campus. Last but not least, an area of 3.500 m² enables the production and testing of more than one prototype vehicle at a time.

Kässbohrer Sales GmbH

Ulm | Im Katzelwinkel 5, 88480 Achstetten, Germany | **T** +49 (0) 7392 96797-0 | **F** +49 (0) 7392 96797-67

Goch | Siemensstrasse 74, 47574 Germany | **T** +49 (0) 2823 9721-0 | **F** +49 (0) 2823 9721-21 | **E** info@kaessbohrer.com | www.kaessbohrer.com

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. v4 Sep 2022