



RELIABLE ROBUST

STEEL & ALUMINUM TIPPER SERIES





LIGHT MODULAR

EFFICIENCY IN OPERATIONS

K.SKA B

Aluminum Tipper Series for Construction

Kässbohrer aluminum tipper semi-trailer, K.SKA series, with its high strength chassis and tough aluminum upper structure stands for reliability and robustness under the hardest load and road conditions.

K.SKA can be manufactured with volume options from 24 m³ to accommodate unique transport challenges. Thanks to its unique light design at 4.980 kg tare weight, K.SKA series offers more payload and higher fuel efficiency. The upper body is designed with interlocking aluminum side panels, 40 mm thickness with 4 mm profiles which are the widest size in the market. Hence the design ensures structural strength while offering long body service life and less maintenance cost with easier maintenance.

K.SKA's modular floor provides the unrivaled robustness that is 3 times more impact resistant and 2 times more wear resistant than the average market products. This modular structure facilitates easy repair by removing only the partial damaged zone instead of the entire floor hence less maintenance and repair costs. Floor optionally can be equipped with wear plates to have a longer life cycle. Rounded lower corners of the floor provide faster discharge and prevent material residues.

The robust chassis with a cathaphoretic dip coating (KTL) process offers durability and persistence throughout the economic life of the vehicle.





UNIQUE DESIGN FOR EFFICIENT TRANSPORTATION

K.SKS

Steel Tipper Series

Kässbohrer's re-engineered tipper semi-trailer K.SKS series is offered with 2 or 3 axles and with 22 m³, 24 m³, 27 m³ and 32 m³ volume options. With its high-strength chassis and unique U-shaped design with 14 times-bended upper structure, manufactured with Hardox450 side walls and TUF500 floor, K.SKS provides fast and easy discharge, reliability, robustness, and operational efficiency.

Optimized for the weight/robustness scale, Kässbohrer K.SKS series, presents operational efficiency with the tare weight starting from 5.350 kg providing maximum payload to meet the needs of its customers' construction operations.

Kässbohrer K.SKS series also offers the maximum traction performance on the road and ideal load distribution for road safety with its unique upper body structure design, robust construction as well as 12.000 kg king-pin capacity.



WALL THICKNESS & LOAD TYPE COMPATIBILITY							
Side Thickness	3 mm	4 mm	4 mm	4 mm	5 mm	6 mm	8 mm
Floor Thickness	4 mm	4 mm	5 mm	6 mm	6 mm	8 mm	10 mm
Representation							
Load Type	Ash Fine Sand Cement	Fine Sand Grain	Sand Asphalt Grain Clay	Gravel < 30 mm Clay	Gravel < 60 mm Chipped Wood	Stone	Rock Mined Ore












3 AXLE STEEL FOR CONSTRUCTION

3 AXLE ALUMINUM FOR CONSTRUCTION













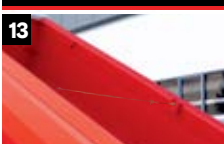

















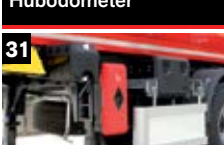



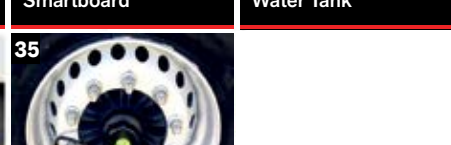
4 AXLE ALUMINUM FOR CONSTRUCTION

	PRODUCT	K.SKS BS / 22 - 12 / 27	K.SKS B / 24 - 12 / 27	K.SKS BS / 27 - 12 / 27	K.SKS BS / 32 - 12 / 27	K.SKA B / 24 - 12 / 27	K.SKA B / 26 - 12 / 27	K.SKA B / 29 - 12 / 27	K.SKA B / 37 - 12 / 36
	UPPERSTRUCTURE	UPPERSTRUCTURE TYPE	Halfpipe (J)	Halfpipe (J)	Halfpipe (J)	Halfpipe (J)	Box (E)	Box (E)	Box (E)
VOLUME OPTIONS		22 m ³	24 m ³	27 m ³	32 m ³	24 m ³	26 m ³	29 m ³	37 m ³
BODY MATERIAL		HB 450 Hardox	TUF500	TUF500	HB 450 Hardox	6.000 series Alu	6.000 series Alu	6.000 series Alu	6.000 series Alu
BODY HEIGHT		1.490 mm	1.550 mm	1.700 mm	1.700 mm	1.260 mm	1.360 mm	1.550 mm	1.600 mm
BODY WIDTH		2.390 mm (G)	2.390 mm (G)	2.390 mm (G)	2.390 mm (G)	2.450 mm (G)	2.450 mm (G)	2.450 mm (G)	2.450 mm (G)
BODY LENGTH		6.850 mm	7.900 mm	7.900 mm	8.970 mm	7.800 mm	7.800 mm	7.800 mm	9.140 mm
BODY THICKNESS		Front 4 mm Rear 4 mm Sides 4 mm Floor 4 mm (2)	Front 5 mm Rear 5 mm Sides 4 mm Floor 4 mm (2)	Front 4 mm Rear 4 mm Sides 4 mm Floor 4 mm (2)	Front 5mm Rear 5 mm Side 4+2 mm Floor 6 mm (2)	Front 5mm Rear 5 mm Side 4+2 mm Floor 6 mm (2)	Front 5mm Rear 5 mm Side 4+2 mm Floor 6 mm (2)	Front 5mm Rear 5 mm Side 4+2 mm Floor 6 mm (2)	Front 5mm Rear 5 mm Side 4+2 mm Floor 6 mm (2)
CHASSIS	CHASSIS MATERIAL	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)	S700MC Steel (1)
	ANTI-CORROSION FOR CHASSIS	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)	KTL Coating (K)
	TRUCK COMPATIBILITY	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4	4x2, 4x4, 6x2, 6x4
	FINISHER COMPATIBILITY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TECHNICAL SPECIFICATIONS	VEHICLE HEIGHT	3.100 mm	2.980 mm	3.130 mm	3.250 mm	2.900 mm	3.000 mm	3.160 mm	3.240 mm
	MINIMUM TARE WEIGHT	5.640 kg	5.350 kg	5.850 kg	7.720 kg	5.040 kg	5.090 kg	5.170 kg	7.750 kg
	CHASSIS LENGTH	7.550 mm	7.550 mm	7.550 mm	9.270 mm	8.100 mm	8.100 mm	8.100 mm	9.980 mm
	EXTERNAL LENGTH	8.800 mm	8.800 mm	8.800 mm	10.600 mm	9.100 mm	9.100 mm	9.100 mm	11.360 mm
	COUPLING HEIGHT (min-max)	1.220 mm - 1.350 mm	1.220 mm - 1.350 mm	1.220 mm - 1.320 mm	1.250 mm - 1.350 mm	1.220 mm - 1.350 mm	1.220 mm - 1.350 mm	1.220 mm - 1.350 mm	1.200-1.220 mm
	AXLE DISTANCES	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)	1.310 mm (22)
	KING-PIN CAPACITY	12 - 15 ton	12 - 15 -18 ton	12 - 15 -18 ton	12 - 15 -18 ton	12 - 15 ton	12 - 15 ton	12 - 15 ton	18 ton
	AXLES CAPACITY	27 ton	27 ton	27 ton	27 ton	27 ton	27 ton	27 ton	36 ton
MAX TIPPING ANGLE	45°	45°	45°	47°	48°	48°	48°	48°	
REAR DOOR OPTIONS	MECHANIC	Mechanic Door	Mechanic Door	Mechanic Door	Mechanic Door	Mechanic Door	Mechanic Door	Mechanic Door	Mechanic Door
	HYDRO-MECHANIC	Hydraulic Door (7)	Hydraulic Door (7)	Hydraulic Door (7)	Hydraulic Door (7)	-	-	-	-
	HYDRAULIC WITH REMOTE CONTROL	Hydraulic Door with Remote Control (6)	Hydraulic Door with Remote Control (6)	Hydraulic Door with Remote Control (6)	Hydraulic Door with Remote Control (6)	-	-	-	-
	CHUTE	Bolted	-	-	Bolted	Welded (Optional)	Welded (Optional)	Welded (Optional)	Welded (Optional)
	SINGLE GRAIN DOOR	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)	Single Grain Door (8)

STANDARD FEATURES

 High Pressure H Type Hydraulic Cylinder	 Removable Tail	 Widest Side Panels	 Easy to Use Electronic Control Systems	 Modular Aluminium Upper Structure	 Rounded Bottom Corners
 Wide Tipping Shaft	 Assistant Frame and Bodyfix	 Excavator Pushing Area	 Unique U Shape Floor	 KTL Coated Chassis	

OPTIONS

 Weight Optimized Chassis	 Thickness Options	 Aluminium Air Tank	 Aluminium Rims	 Aluminum Landing Leg	 Hydraulic Door with Remote Control
 Hydraulic Door	 Grain Door	 Rubber Seal	 Tightening Rear Locks	 Manual / Electronic Sliding Tarpaulin	 Pneumatic Folding Bumper
 Chain Between Walls	 Extra Wear Plates	 Self Steering Axle	 1st and 3rd Axle Lifting	 Optiload / Optiturn	 Reversing Alarm
 Brake Pad Wear Indicator	 Drum Brake Axles	 Quick Coupling	 1.310 / 1.410 mm Axle Distance	 Integrated Front Ladder	 Spare Wheel Holder
 Hubodometer	 LED Lights	 Extra Working Lamp	 Round LED Lamps	 Smartboard	 Water Tank
 Fire Extinguisher Box	 Plastic Toolbox	 Rainforced Rear Airbags	 Ladder	 Auto Tyre Inflating System	



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 wherever your operations are in Europe, 95 % of our ever-growing competent after-sales service network is certified to serve the entire Kässbohrer 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, and with Europe's 4th largest after-sales network, 24 hour dispatch guarantee spare parts services from six centers as well as the 24/7 Kässbohrer Road Assistance hotline available in 41 countries and 12 languages, Kässbohrer 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 six times and counting, Kässbohrer vehicles’ long and useful product life is secured by the 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 by investing in a new production facility near Ulm. Operating on 35,000 m², the Ulm plant serves as the main production facility for southern Germany and the neighboring countries. Fully offering and servicing Kässbohrer's incomparable product range as main sales and after-sales center, Ulm plant also serves as a spare parts warehouse.



Goch Plant | Germany

Since 2002, Goch factory, operating on a total area of 108,000 m² is one of two production facilities in Germany. Serving as the main production, PDI and sales center for Northern Europe, the Goch facility also serves as main after-sales center for northern and western Germany and the Benelux region, comprising a spare parts warehouse expanded in 2021.



Adapazarı Plant | Türkiye

Adapazarı is Kässbohrer's biggest production plant with a total production area of 383,000 m² and has a total production capacity of 20,000 units. With rooftop solar power plant investment completed in 2023, providing 92 % of the plant's electricity needs from the sun, manufacturing in Adapazarı emits 46 % less CO₂ (ISO 14064-1 and 14064-2 certified).

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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. v5 Sep 2024