



EARTH-MOVING TIPPERS

SK/HD/HP



SKHDHP-23-EN

Krampe
QUALITY ON WHEELS

#READYFORFUTURE

ALL KRAMPE VEHICLES WITH EU TYPE APPROVAL

All Krampe trailers have in principle the EU type approval. Thereby the vehicles can be registered in the complete EU.

A consistent quality management is necessary for the EU type approval. It assures that the vehicles meet the highest EU quality and safety standards.

The processes and the production at Krampe are quality-controlled and standardised.

As one of the first manufacturers of transport technology, Krampe has already got the EU type approval by the end of 2021.

QUALITY ON WHEELS

We are passionate about making high-quality transport trailers. We understand our customers' need for reliable equipment and do everything we can to meet their expectations. Our products are characterised by quality, durability and reliability. We work in close cooperation with our customers to create effective solutions. Your experiences and your requirements are what motivate us. Our success is based on a foundation of trust and cooperation. We appreciate the relationships we have with our customers and partners, who are always inspiring us to become better. Experience the quality of our products for yourself. The Krampe team is ready to find the right solution for you.

Thank you for your trust!



Robin Krampe
– CEO



REGIONAL & FAMILIAR

We are an owner-managed company for more than 100 years. Robin Krampe is the Managing Director of the company Krampe Fahrzeugbau GmbH in the fourth generation. The company is 100% owned by the family and this is to remain so in the future

Our slogan "Krampe - Quality on Wheels" is lived by us every day. We are committed to Germany as a production site and manufacture at our plant in Coesfeld in the Münsterland region. As a family-run company, we have always had good experiences with our basic idea "what we can manufacture ourselves, we do it ourselves". The huge vertical range of manufacture gives us the reassuring certainty of being

able to supply the highest quality and to control all production steps. We are proud of our employees. Lots of long-term employees have still completed their apprenticeship at Krampe. Regularly, our apprentices receive awards as chamber, regional or federal winners.

We rely on green energy for the production of our mainly red tippers. So district heating of the neighbouring biogas plant is used to heat all offices and production halls. We produce about 150% of our own electricity requirements by means of our in-house photovoltaic system.

OUR MODELS

FROM CARRIER TO CUSTOMISED CONSTRUCTION

QUALITY ON WHEELS

This is our motto and the key to our success. We have been Germany's uncontested market leader of tractor-pulled body tippers and halfpipes for the agricultural industry for many years. In the course of the years, we have steadily expanded our product range and added further innovative product groups such as the hooklift trailers or the push-off trailer.

STABLE IN TERMS OF VALUE

Our well-known red tippers are characterised by their outstanding reliability and durability. The high resale value is a clear proof of their quality.

BEST QUALITY

In the production of our vehicles, we exclusively rely on first-class materials and qualified personnel. With field-tested solutions, a well thought out construction and the continuous development of the products, we are able to offer you vehicles that are unmatched.

CUSTOMISED CONSTRUCTION VS. CARRIER-SERIES

"Can't be done, doesn't exist" is part of the Krampe philosophy. This has made us what we are today. At Krampe, we are happy to produce one-off items according to customer wishes, this is our daily business. With so-called "customised construction", vehicles are produced according to the wishes, specifications and requirements of our customers, exactly tailored for the respective range of applications.

ROBUST AND COMFORTABLE

Our torsion-resistant running gears are made of rectangular tubes and are therefore extremely robust. The closed construction avoids dirt deposits. Large spring centres, high-quality running gear components and smart electronic assistance systems ensure the greatest possible driving comfort.

INNOVATIONS FROM MÜNSTERLAND

Krampe has shaped the international standards with a lot of innovations. Thanks to the EU type approval, we already satisfy the requirements of tomorrow. We are committed to Germany as a production site and to our origin from the Münsterland region.

PRODUCED FOR YOU

By us, you get custom-made trailers that are especially tailored to your requirements. Thanks to short paths between construction and production, custom-made products can be planned and realised.

In addition to the individual vehicle construction, there has also been a standardised vehicle construction for a long time, the highly successful "Carrier series" consisting of technically high-quality vehicles with identical construction components from the customised construction, but with a determined current equipment. The vehicle concept is based on an ingenious modular system; useful screw-on accessories such as wheels or a change from caster steering axle to forced steering can be freely chosen by the end customer.

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DIFFERENCES AT A GLANCE

THE RIGHT KRAMPE

FOR YOUR REQUIREMENTS

SK SAND & GRAVEL



- Universal for light bulk materials
- Following the example of agriculture

BODY



Conical body with flat floor sheet, extension sides to increase volume and to transport light goods are available, underfloor ram.

REAR TAILGATE



When transporting coarse gravels and stones, the locking hooks remain in opened position by turning the locking pieces.

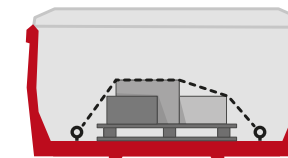
ACCESSORIES

- Volume extensions
- Different covering systems
- Central lubrication system

HD HEAVY DUTY



- Our extra robust series
- Suitable for the transport of machines



Conical body with flat floor sheet, top frame designed as pointed roof, lashing eyes for load securing available, underfloor ram.



Rear tailgate with protected hydraulic cylinders, pendulum suspended, with cutting edge.

- Net covering
- Central lubrication system
- Hydraulic independent wheel running gear

HP HALFPIPE



- Our pro for earth-moving works
- Construction site bestseller with front press



Halfpipe with top frame designed as pointed roof and front press, the load slides automatically in the middle of the body - so there are no dirt corners and the body is less susceptible to bumps.

In order to avoid damages through the load, the rear tailgate can be swivelled up to 100°.

- External width of 2.55 m with tyres 600/60 R 30.5

YOUR KRAMPE

YOU SHOULD KNOW THAT



WHAT ARE THE REQUIREMENTS OF THE TOWING VEHICLE ON THE TRAILER?

The correct assignment of tractor and traction power requirement is essential as well as the correct hitch height, drawbar eye and towing device. Please find all important information in the charts of the product pages.



WHICH GOODS ARE MAINLY TRANSPORTED?

Please find an optimum volume in proportion to the payload in the data sheets of the product pages.



WHICH SPEED VARIANTS ARE AVAILABLE?

As standard, our vehicles are equipped with 40 km/h and COC documents. Models are also available on demand with 60 km/h or 80 km/h registration.



WHAT ARE THE FIELDS OF APPLICATION?

We offer vehicle systems for the agricultural and forestry sector, but also for the commercial transport of goods, of course with the corresponding load securing.



WHICH DRIVING CHARACTERISTICS ARE WANTED? FIELD AND/OR STREET?

Regardless of whether for short distances in rough terrain or for the commercial transport of goods on roads: We offer the corresponding running gear for each application.

Our vehicles can be equipped with a pendle axle unit, the classic parabolic suspension, the smooth pneumatic running gear, a hydraulic running gear or a hydraulic independent wheel suspension.



SK SAND & GRAVEL

EARTH-MOVING TIPPERS FOR BULK MATERIALS

MODELS

 SK460

 SK500

 SK550

 SK600

 SK750

 SK800



TRANSPORT VOLUME

14.4 m³ - 31.8 m³



PERMISSIBLE GVWR ACC. TO COC

16,000 kg - 34,000 kg



TYRE VARIANTS

560/60 R 22.5 - 710/50 R 30.5

 = Carrier Series
 = Customised construction

PRODUCT DETAILS SK

SAND & GRAVEL EARTH-MOVING TIPPERS

THE ALLROUNDER FLEXIBLE IN USE

With the SK series, Krampe consequently follows the line of the further technical development. The well-known and proven body was developed from our Big-Body series which have given new impetus in the agricultural industry and have become a real sales hit in 2003. The four Tandem and the two Tridem models of the SK range have been developed for earth-moving. In order to increase the volume, extension sides can be mounted for the transport of cereals and silage or for light material such as wood chips.



Our SK series are also used in the agricultural sector, especially often for potato harvest.



Hydraulically opening rear tailgate with automatic lateral pressing system with locking block valve, safety ball valve and closing hook stop mode which can override the closing hooks if necessary.



Conical body with flat floor sheet. Through optional volume extensions, the volume for light goods can be increased.



The transport of sand, gravel and bulk material is also an application field of the SK series.















The SK body is characterised by heavy beams under the body and a heavy underfloor cylinder.

TECHNICAL DATA

AND DETAILS



TECHNICAL DATA	TANDEM				TRIDEM		
	 SK460	 SK500	 SK550	 SK600	 SK750	 SK800	
Perm. GVWR	16 t at 40 km/h	22 t at 40 km/h	22 t at 40 km/h	22 t at 40 km/h	31 t (34 t) at 40 km/h	31 t (34 t) at 40 km/h	
Technical payload* ¹	approx. 14 t	approx. 20 t	approx. 22 t	approx. 22 t	approx. 30 t	approx. 30 t	
Empty weight* ¹	approx. 4.3 – 4.9 t	approx. 5.3 – 6.7 t	approx. 5.6 – 6.9 t	approx. 5.9 – 7.2 t	approx. 8.1 – 9.7 t	approx. 8.3 – 9.9 t	
80 mm ball head coupling, perm. tongue load	2 t (40 mm towing eye DIN 11 026)	4 t	4 t	4 t	4 t	4 t	
Suspended drawbar	optional* ³	series	series	series	series	series	
Hitch height	95+101+106 cm	approx. 55 – 90 cm	approx. 55 – 90 cm	approx. 55 – 90 cm	55-70 cm	55-70 cm	
Traction power requirement	from 55 kW (75 HP)	from 74 kW (100 HP)	from 110 kW (150 HP)	from 118 kW (160 HP)	from 140 kW (190 HP)	from 140 kW (190 HP)	
Oil requirement/tipping angle	20 l/51°	27 l/55°	34 l/55°	41 l/55°	60 l/55°	64 l/55°	
Lifting ram, type	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram	
Hublänge/ Anzahl der Stufen	2,305 mm/4 stages	2,250 mm/4 stages	2,230 mm/5 stages	2,780 mm/5 stages	3,225 mm/5 stages	3,425 mm/5 stages	
Axle cross section	120 x 120 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	
Lifting capacity with dry sand	approx. 12 t	approx. 20 t	approx. 20 t	approx. 22 t	approx. 30 t	approx. 30 t	
Brake system	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	
Wheel brakes, track width	410 x 120, 1,950 mm	410 x 180, 1,950 mm	410 x 180, 1,950/ 2,150 mm	410 x 180, 1,950/ 2,150 mm	410 x 180 mm, 2,150 mm	410 x 180 mm, 2,150 mm	
Wheelbase	1,360 mm	1,360 mm (1,550 mm)	1,550 mm	1,550 mm	1,550 mm (1,810 mm)	1,550 mm (1,810 mm)	
Running gear	Parabolic springs 20 t	Parabolic springs 24 t, wahlw. Pendle-axle unit	Parabolic springs 32 t wahlw. Pendle-axle unit or air suspension	Parabolic springs 32 t wahlw. Pendle-axle unit or air suspension	Parabolic springs 36 t, air suspension, hydr. Running gear	Parabolic springs 36 t, air suspension, hydr. Running gear	
DIMENSIONS IN M		 SK460	 SK500	 SK550	 SK600	 SK750	 SK800
Body dimensions (inside)	4.65 x 2.30 m/ 2.20 x 1.01 m (conical)	5.05 x 2.30 m/ 2.20 x 1.01 m (conical)	5.55 x 2.30 m/ 2.20 x 1.01 m (conical)	6.00 x 2.30 m/ 2.20 x 1.01 m (conical)	7.50 x 2.30 m/ 2.20 x 1.01 m (conical)	8.00 x 2.30 m/ 2.20 x 1.01 m (conical)	
Transport volume (water volume)	10.3 m ³	11.2 m ³	12.3 m ³	13.3 m ³	16.6 m ³	17.7 m ³	
Transport volume (acc. to ISO 7546)* ²	13.0 m ³	14.2 m ³	15.6 m ³	16.9 m ³	21.3 m ³	22.7 m ³	
Transport volume with 60 cm extensions	16.4 m ³	17.9 m ³	19.6 m ³	21.2 m ³	26.5 m ³	28.3 m ³	
Transport volume with 80 cm extensions	18.5 m ³	20.1 m ³	22.1 m ³	23.9 m ³	29.8 m ³	31.8 m ³	
Transport volume with 20 cm aluminium pinboard, fitting to 80 cm extensions	20.5 m ³	22.3 m ³	24.5 m ³	26.5 m ³	33.1 m ³	35.3 m ³	
Floor sheet	5 mm S355/ 5 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	
Load-over height with tyres (H)	from 2.35 m 560/60 R 22.5	from 2.49 m 560/60 R 22.5	from 2.60 m 600/55 R 26.5	from 2.60 m 600/55 R 26.5	from 2.58 m 600/55 R 26.5	from 2.58 m 600/55 R 26.5	
Overall height at 55° tipping angle (M)	5.53 m (Tipping angle 52°)	5.97 m	6.50 m	6.87 m	8.05 m	8.25 m	
Overall length (L)	6.58 m	6.95 m	7.43 m	7.88 m	9.52 m	9.93 m	
Recommended tyres	560/45 R 22.5 560/60 R 22.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	

*¹ Empty weight and payload depend on the respective equipment

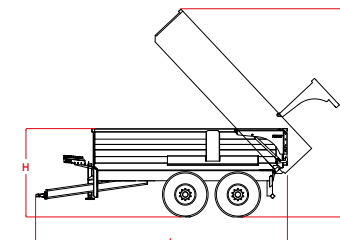
*² Volume with material cone

*³ Option against surcharge

Carrier series

Customised construction

For export vehicles, higher payloads are partly permissible in case of national registration. Technical data without engagement. Construction subject to changes.



HD HEAVY DUTY

ROBUST EARTH-MOVING TIPPERS

MODELS



  HD550

  HD620

 HD620T

 HD700



 = Carrier series
 = Customised construction



HEAPED TRANSPORT VOLUME
15.6 m³ - 19.8 m³



PERMISSIBLE GVWR ACC. TO COC
22,000 kg - 34,000 kg



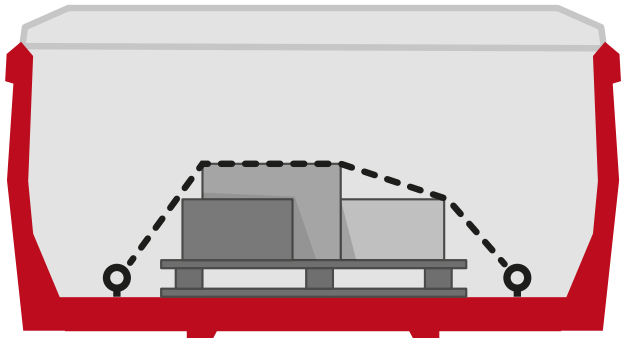
TYRE VARIANTS
560/60 R 22.5 - 710/50 R 30.5

PRODUCT DETAILS HD

HEAVY DUTY TIPPERS

ROBUST TIPPERS FOR HEAVY JOBS

Our Heavy Duty models close the gap between the SK series and the halpipe ones. With this vehicle type, Krampe follows the request expressed by a lot of customers in Germany and abroad for a robust earth-moving tipper with flat floor. These vehicles can handle rough jobs and can optionally be equipped with HARDOX® sheets. So even extrem construction site operations are no problem.



Flat floor tipper: A robust construction site tipper with flat floor sheet, an underfloor cylinder positioned as far to the front, top frame designed as pointed roof and optional lashing points in the body.



Our Heavy Duty series are at home in heavy earthworks.



The robust hydraulic rear tailgate with protected hydraulic cylinders is additionally pendulum mounted.



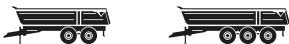
The HD body is characterised by heavy beams under the body and an underfloor cylinder.



With 600 tyres, an outside width of 2.55 m is possible due to the cranked running gear with a tracked width of 1.95 m.

TECHNICAL DATA

AND DETAILS



TECHNICAL DATA	TANDEM		TRIDEM			
	☑ HD550	☑ HD550	☑ HD620	☑ HD620	☑ HD620T	☑ HD700
Perm. GVWR	22 t at 40 km/h	22 t at 40 km/h	24 t at 40 km/h	24 t at 40 km/h	24 t at 40 km/h	34 t at 40 km/h
Technical payload* ¹	approx. 25 t	approx. 25 t	approx. 25 t	approx. 25 t	approx. 25 t	approx. 30 t
Empty weight* ¹	approx. 6.55 t	approx. 6.1 - 7.4 t	approx. 7,190 t	approx. 6.6 - 7.9 t	approx. 6.6 - 7.98 t	approx. 8.3 - 9.9 t
80 mm ball head coupling, perm. tongue load	4 t	4 t	4 t	4 t	4 t	4 t
Suspended drawbar	series	series	series	series	series	series
Hitch height	approx. 55-70 cm	approx. 55 - 70 cm	approx. 55 - 70 cm	approx. 55 - 70 cm	approx. 55 - 70 cm	approx. 55 - 70 cm
Traction power requirement	from 110 kW (150 HP)	from 110 kW (150 HP)	from 125 kW (170 HP)	from 125 kW (170 HP)	from 125 kW (170 HP)	from 140 kW (190 HP)
Oil requirement/tipping angle	41 l/55°	41 l/55°	44 l/55°	44 l/55°	44 l/55°	60 l/55°
Lifting ram, type	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram	Telescopic ram
Lifting height/Number of stages	2,780 mm/5 stages	2,780 mm/5 stages	3,025 mm/5 stages	3,025 mm/5 stages	3,025 mm/5 stages	3,225 mm/5 stages
Lifting capacity with dry sand	approx. 26 t	approx. 26 t	approx. 26 t	approx. 26 t	approx. 26 t	approx. 30 t
Axle cross section	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm
Brake system	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve
Wheel brakes, track width	410 x 180 mm/ 1,950 mm	410 x 180 1,950/2,150 mm	410 x 180 mm 1,950/ 2,150 mm	410 x 180mm 1,950	410 x 180 mm 1,950 mm	410 x 180 mm 1,950 mm
Wheelbase	1,550 mm	1,550 mm	1,810 mm	1,810 mm	1,810 mm	1,810 mm
Running gear	Pendle-axle unit	Parabolic springs 32 t, wahlw. Pendle-axle unit or air suspension	Pendle-axle unit	Pendle-axle unit, wahlw. air suspension or hydr. Running gear	air suspension, hydr. Running gear	air suspension, hydr. Running gear
DIMENSIONS IN M	☑ HD550	☑ HD550	☑ HD620	☑ HD620	☑ HD620T	☑ HD700
Body dimensions (inside)	5.59 x 2.29 m/ 2.19 x 1.01 m (conical)	5.59 x 2.29 m/ 2.19 x 1.01 m (conical)	6.20 x 2.29 m/ 2.19 x 1.01 m (conical)	6.20 x 2.29 m/ 2.19 x 1.01 m (conical)	6.20 x 2.29 m/ 2.19 x 1.01 m (conical)	7.00 x 2.29 m/ 2.19 x 1.01 m (conical)
Transport volume (water volume)	12.4 m³	12.4 m³	13.7 m³	13.7 m³	13.7 m³	15.5 m³
Transport volume (acc. to ISO 7546)* ²	15.6 m³	15.6 m³	17.3 m³	17.3 m³	17.3 m³	19.8 m³
Floor sheet	6 mm HARDOX® 450	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm HARDOX® 450	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³	6 mm S355/ 6 mm HARDOX® 450* ³
Load-over height with tyres (H)	2.60 m 600/55 R 26.5	2.65 m 600/55 R 26.5	2.70 m 600/55 R 26.5	2.70 m 600/55 R 26.5	2.60 m 600/55 R 26.5	2.60 m 600/55 R 26.5
Load-over height with pendle axle unit	2.60 m	2.60 m	2.70 m	2.70 m	2.60 m	2.60 m with air suspension
Overall height at 55° tipping angle (M)	7.14 m	7.19 m	7.75 m	7.75 m	7.67 m	8.42 m
Overall length (L)	7.55 m	7.55 m	8.19 m	8.19 m	8.19 m	8.99 m
Recommended tyres	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	600/55 R 26.5 600/60 R 30.5	600/55 R 26.5 600/60 R 30.5

*¹ Empty weight and payload depend on the respective equipment

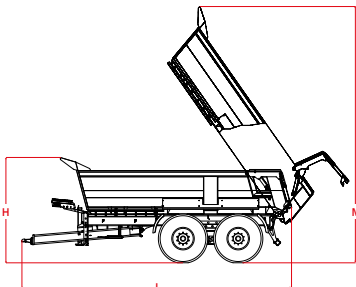
*² Volume with material cone

*³ Option against surcharge

☑ Carrier series

☑ Customised construction

For export vehicles, higher payloads are partly permissible in case of national registration. Technical data without engagement. Construction subject to changes.



HP HALFPIPE

SEMI-CIRCULAR EARTH-WORKING TIPPERS

MODELS

  HP20

 HP24

  HP30



HEAPED TRANSPORT VOLUME

15.3 m³ - 20.6 m³



PERMISSIBLE GVWR ACC. TO COC

22,000 kg - 31,000 kg



TYRE VARIANTS

560/60 R 22.5 - 710/50 R 30.5



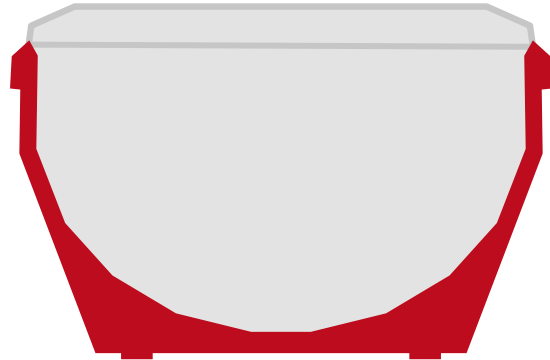
 = Carrier series
 = Customised construction

PRODUCT DETAILS HP

HALFPIPE EARTH-MOVING TIPPER

THE ULTIMATE TIPPER ON EACH CONSTRUCTION SITE

Krampe was the first manufacturer to install a halfpipe on a tandem chassis and has once again demonstrated its pioneering spirit. In the meantime, the halfpipes have been sold many thousand times and are a classic on every construction site. No wonder, then it is not only stable, but also economical and stable in value.



Semi-circular body form: When loading, the load slides automatically in the middle of the body in a flatter angle. During unloading process, no load remains lying.



Our HP series are used for demolition works, road construction and for heavy earth-moving works.



The robust hydraulic rear tailgate with protected hydraulic cylinders is additionally pendulum mounted.



The body is lifted by means of a front press ensuring a very stable position during tipping.












A clean rear with protected lights at top and foldable underride guard as standard.

TECHNICAL DATA

AND DETAILS



TECHNICAL DATA	TANDEM			TRIDEM		
	 HP20	 HP20	 HP24	 HP30	 HP30	
Perm. GVWR	22 t at 40 km/h	22 t at 40 km/h	24 t at 40 km/h	31 t at 40 km/h	31 t at 40 km/h	
Technical payload*1	approx. 25 t	approx. 25 t	approx. 26 t	approx. 30 t	approx. 30 t	
Empty weight*1	approx. 6 t	approx. 5.6 – 6.3 t	approx. 5.9 – 6.5 t	approx. 9.1 t	approx. 8.7 – 9.7 t	
80 mm ball head coupling, perm. tongue load	4 t	4 t	4 t	4 t	4 t	
Suspended drawbar	series	series	series	series	series	
Hitch height	approx. 55 – 70 cm	approx. 55 – 70 cm	approx. 55 – 70 cm	55 – 65 cm	55 – 65 cm	
Traction power requirement	from 110 kW (150 HP)	from 110 kW (150 HP)	from 125 kW (170 HP)	from 140 kW (190 HP)	from 140 kW (190 HP)	
Oil requirement/tipping angle	35 l/55°	35 l/55°	39 l/55°	60 l/55°	81 l/55°	
Lifting ram, type	Front press	Front press	Front press	Front press	Front press	
Lifting height/Number of stages	4 stages	4 stages	4 stages	5 stages	5 stages	
Axles BPW, axle cross section	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	150 x 150 mm	
Lifting capacity with dry sand	approx. 26 t	approx. 26 t	approx. 27 t	approx. 30 t	approx. 34 t	
Brake system	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	Air brake, dual line, ALB valve	
Wheel brakes, track width	410 x 180 mm, 1,950 mm	410 x 180 mm, 1,950/2,150 mm	410 x 180 mm, 1,950/2,150 mm	410 x 180 mm, 2,150 mm	410 x 180 mm, 1,950/2,150 mm	
Wheelbase	1,550 mm	1,550 mm	1,810 mm	1,550 mm	1,550 mm	
Running gear	Pendle-axle unit	Parabolic springs 32 t, Pendle-axle unit, single-wheel suspension, hydr. Running gear, air suspension	Pendle-axle unit, single-wheel suspension, hydr. Running gear, air suspension	air suspension	hydr. Running gear with continuous axles or Tridem-Running gear, air suspension	
DIMENSIONS IN M		 HP20	 HP20	 HP24	 HP30	 HP30
Body dimensions (inside)	5.25x2.30 x 1.20 m	5.25x2.30 x 1.20 m	5.65 x 2.30 x 1.20 m	7.00 x 2.30 x 1.20 m	7.00 x 2.30 x 1.20 m	
Standard body 1.2 m Transport volume (water volume)	12.1 m³	12.1 m³	13.0 m³	16.1 m³	16.1 m³	
Standard body 1.2 m Transport volume (acc. to ISO 7546)*2	15.3 m³	15.3 m³	16.5 m³	20.6 m³	20.6 m³	
Extended body 1.4 m Transport volume (water volume)	-	14.5 m³	-	-	19.4 m³	
Extended body 1.4 m Transport volume (acc. to ISO 7546)*2	-	17.7 m³	-	-	24.8 m³	
Floor sheet S355/ HARDOX® 450*3	6 mm HARDOX® 450	6 mm S355 / 6 mm HARDOX® 450	6 mm S355 / 6 mm HARDOX® 450	6 mm HARDOX® 450	6 mm S355 / 6 mm HARDOX® 450	
Load-over height with tyres (H)	2.62 m 600/55 R 26.5	2.58 m 600/55 R 26.5	2.58 m 600/55 R 26.5	2.65 m 600/55 R 26.5	2.70 m 600/55 R 26.5	
Load-over height with pendle axle unit	2.62 m 600/55 R26.5	2.62 m 600/55 R26.5	2.62 m 600/55 R26.5	-	-	
Overall height at 55° tipping angle (M)	6.78 m	6.75 m	7.05 m	8.25 m	8.25 m	
Overall length (L)	7.63 m	7.63 m	8.03 m	9.45 m	9.45 m	
Recommended tyres	560/60 R 22.5 650/55 R 26.5 24 R 20.5	560/60 R 22.5 650/55 R 26.5 24 R 20.5	560/60 R 22.5 650/55 R 26.5 24 R 20.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	560/60 R 22.5 600/55 R 26.5 650/55 R 26.5	

*1 Empty weight and payload depend on the respective equipment

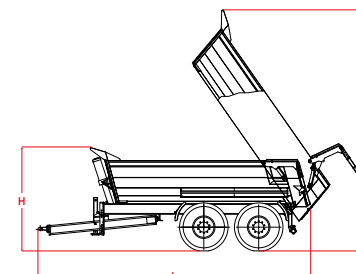
*2 Volume with material cone

*3 Option against surcharge

☑ Carrier series

☑ Customised construction

For export vehicles, higher payloads are partly permissible in case of national registration. Technical data without engagement. Construction subject to changes.



RUNNING GEAR / STEERING AXLES

DRIVING COMFORT MADE BY KRAMPE

OUR KNOW-HOW ON CONSTRUCTION SITE AND ON ROADS

Our running gears are not bog-standard components, but have continually been refined by our technicians over many years. Contrary to a lot of competitors, each running gear can be tailored to the planned field of use and offers a driving comfort that is unmatched.

Even if the running gear is to a great extent invisible on the vehicle, this should be the last component to save money. Not only do good driving characteristics

depend on the running gear but it is also one of the most valuable components on the vehicle. Our know-how and continuous further development distinguish our running gears from other brands and offer you a driving comfort in a class of its own and an unrivalled manoeuvrability.

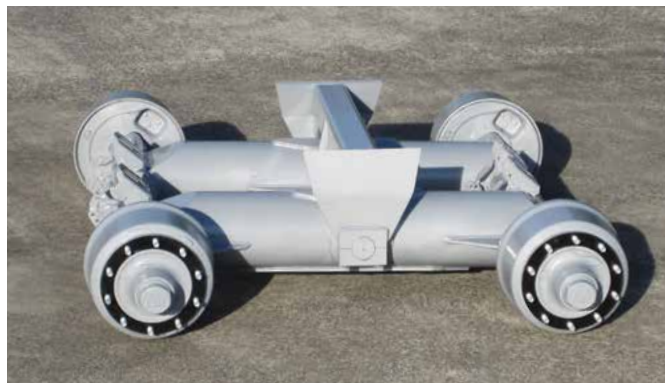
In addition, we offer you a comprehensive range of towing devices and tyre possibilities.



We use 20 - 32 t parabolic springs with trailing arms and dynamic compensation with a wheelbase of 1.36 - 1.55 m. The wide spring centre increases the stability off-road, especially on the vehicles with high centre of gravity.



Pneumatic running gears are becoming more and more popular and are partly already offered as standard. The cranked two-bladed pull rods and large air bellows ensure an excellent engine smoothness and a stable driving behaviour. By venting the air bellows, the vehicle automatically lowers during tipping and increases thus the stability.



The pendulum axle unit with asymmetrically offset axles offer an optimum adaptation to the ground through high axle oscillations and guarantee a good stability in rough terrain.



Independent wheel suspension with hydraulic pendulum compensation and 270 mm axle oscillation per wheel. Therefore all wheels are being loaded evenly even in off-road terrain.



With our Tridec running gear with three-point linkage, especially off-road terrain is also no problem.



Also Krampe supplies hydraulic running gears. The standard protection tubes protect the double chromed piston rods against stone impacts.



BPW caster steering axles: Design with pressure axle disc for smooth driving behaviour. The steering axle must hydraulically be locked when driving on roads.



BPW forced steering: The double-acting master cylinder is situated at the front at the towing device, on the left and right in travelling direction for the Tridem, hydraulic system completely with hand pump, manometers and nitrogen accumulators, coupling points on the tractor according to standard proposition (ISO 26 402).



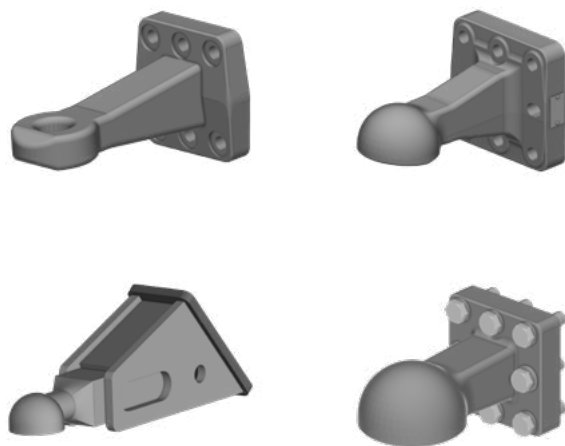
Our electronic sensorless forced steering enables the trailer to steer actively. This ensures a significantly improved vehicle manoeuvrability.



By means of an ISOBUS control, we have implemented the operation via the terminal of the traction vehicle for forced steering.

ACCESSORIES

RUNNING GEAR



We offer you all common drawbar eyes for your vehicle. No matter which drawbar eye you need, we are able to help you here.



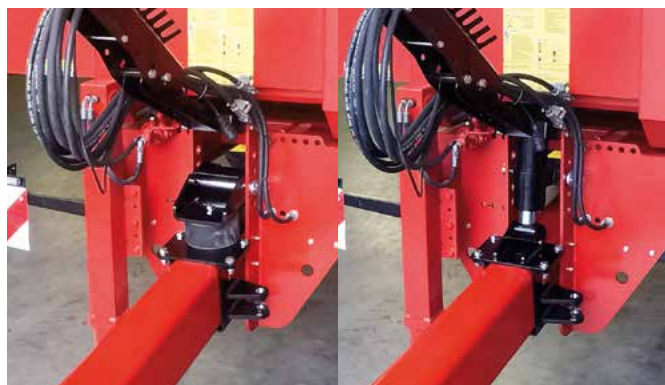
The slim towing device design ensures an especially narrow manoeuvring angle. The hitch height can be adjusted almost continuously on the vehicles with low hitch position.



All underride guard systems are type-approved according to EU (VO) 208/2015.



Our mechanically foldable underride guard can be folded upwards with just a few handles in order to increase the ground clearance when driving on terrain.



The height-adjustable towing device is available with rubber silent blocks or with hydraulic cylinders.



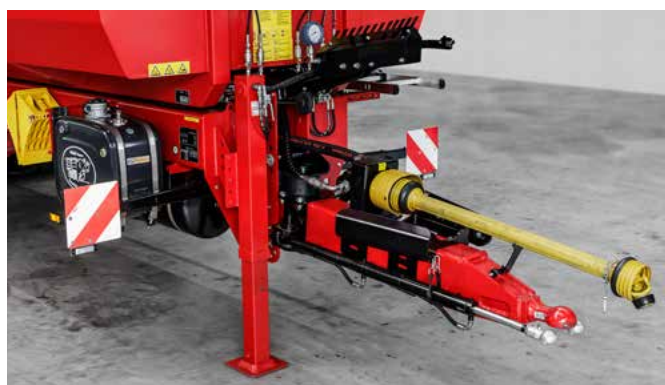
With the bracket for shovel and boom, everything is well stowed.



All vehicles are equipped with an automatically load-dependent braking (ALB).



EBS system for electronic control of the pneumatic braking system with load-dependent braking (ALB), anti-blocking system (ABS) and Roll Stability Support (RSS), an electronic stability control is integrated in the system as standard. Further functions of the pneumatic suspension can optionally be controlled.



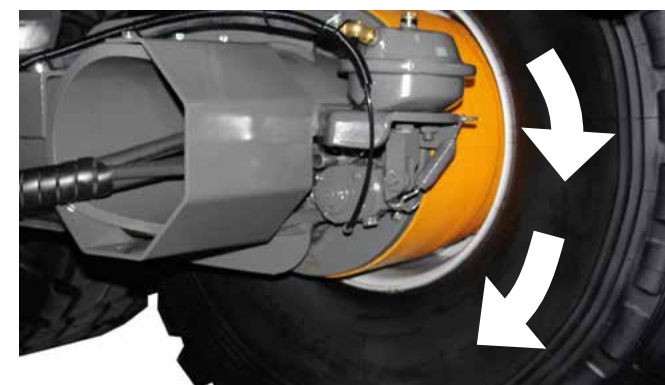
An independent oil supply driven by means of a p.t.o. shaft or an oil engine is available upon request.



Quick lowering by means of a two-hose system with a 2 x 15 mm wire cross section.



Central lubrication system with full automation, electric pump and progressive distributors for exact and differently need-oriented dosing.



The hydraulic wheel drive ensures more thrust in terrain, the weight-saving drive configuration increases the traction.

BODY

AS IF FROM A SINGLE MOULD

ROBUST AND DURABLE CLEANLY DESIGNED

Our earth-working models from the SK, HD and HP series are made of high-quality steels. HARDOX 450® in different sheet thicknesses is optionally available. The floor sheet and lateral sidewalls of the SK and HD tippers are made of one piece. The HP body is welded from two quarter shells to one half shell. The top frame of

the SK body itself is made of massive rectangular tube (100 x 80 x 5 mm), the HD and HP bodies have a top frame designed as pointed roof in order to minimise dirt deposits. All components are welded watertight all around. We guarantee thus a maximum of transport efficiency and corrosion protection.



HARDOX® STEEL

HARDOX® steel is known for its exceptional hardness and abrasion resistance. This high-strength steel defies wear and impacts while it remains versatile at the same time. Ideal for challenging applications requiring durability and performance.

HARDOX® can be used for our earth-moving tippers in thickness of 5,6,8 and 10 mm.



In case of the hydraulic pendulum rear tailgate, the hydraulic cylinders are protected in front the rear tailgate.



The hydraulically opening rear tailgate of the SK series is automatically pressed by means of lateral closing hooks and kept constantly closed under pressure.



The Sörling rear tailgate is only 30 cm high and has a lower hinge shaft on the entire width.



The pendulum swivelling tailgate serves as complement to the Sörling rear tailgate. It is pendulum-mounted above and can additionally be swivelled open to the right in travelling direction.



In case of loads with a high moisture content, the waterproof rear tailgate ensures a safe transport.



Discharge outlets is available upon request for our SK and HD tippers.

ACCESSORIES

BODY



The front protection hood protects the front press and towing device against damages through falling load.



A plastic skirting board mounted all around the top frame with welded sleeves in the top frame is optionally available.



Our protective grids avoid damages without hiding the individual elements of the rear lights.



For load securing, lashing points in the Heavy Duty bodies are optionally available.



Additional LED rear lights at the top in the rear tailgate are optionally available.



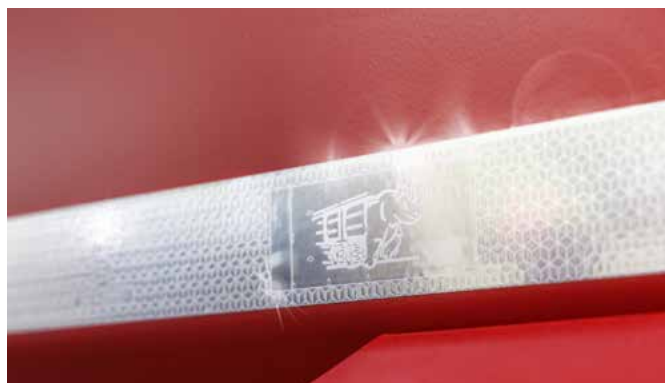
The body height of the HP 20 and HP 30 can be increased by 1.40 meter.



For our SK models, a lot of extensions in the height of 40, 60 and 80 cm are available whereby the 80 cm extensions can additionally be supplemented with a 20 cm high aluminium extensions.



The high-quality aluminium folding cover can be opened or closed in only approx. 20 seconds and is available up to a length of 9.0 m.



In order to increase the visibility of the vehicles, a white and yellow reflective strip can be mounted on the vehicle sides and a red one at vehicle rear.



The hose holder ensures order and is adjustable in length and height by a few handles.



The cover with net covering is the easy and quick type of load securing, available for SK, HD and HP models.



The roll-over tarp can directly be fastened on the body. The use of the roll-over tarp is also problem-free possible with the silage extensions, available for the SK models.

TYRES

WE WOULD BE PLEASED TO ADVISE YOU

DIMENSIONS	HEIGHT (MM)	MAX. WIDTH (MM)	LOAD INDEX
385/55 R 22.5	1,001	380	160 J
385/65 R 22.5	1,060	390	160 F
425/65 R 22.5	1,122	425	165 F
445/65 R 22.5	1,150	450	168 K
525/65 R 20.5	1,200	521	173 F
24 R 20.5	1,378	604	176 F
500/60 R 22.5	1,180	513	155 D
560/45 R 22.5	1,080	545	152 D
560/60 R 22.5	1,251	570	161 D
580/65 R 22.5	1,300	586	166 D
600/50 R 22.5	1,181	616	159 D
600/55 R 22.5	1,245	600	162 E
650/50 R 22.5	1,235	650	163 E
600/55 R 26.5	1,348	626	165 D
620/55 R 26.5	1,340	620	166 D
650/55 R 26.5	1,360	645	167 E
710/50 R 26.5	1,390	730	170 E
750/45 R 26.5	1,350	750	170 E
800/45 R 26.5	1,395	815	174 D
600/60 R 30.5	1,496	639	169 D
710/50 R 30.5	1,495	727	167D

Tyre manufacturer dimensions may differ

In the overview, you may gather further information about tyre dimensions and tread forms of the leading manufacturers. Since not all requirements e.g. for off-road tyres on one hand and roadworthiness on the other hand cannot be put on the same rim, we have listed all usual wheels. We would be pleased to advise you in details on the choice of the optimum tyres for the desired application in combination with the technical possibilities of the vehicle.

Truck road tread



Vredestein Flotation Pro



Vredestein Flotation Trac



Nokian CT BAS



Nokian Country King



Alliance Tread 380



Alliance Tread 390



BKT FL 630



BKT FL 693



Aeolus AE 74



Aeolus AE 77



Michelin Tread XS



Michelin Trail X-BIB



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...always one step ahead!

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