



BODY TIPPERS

BIGBODY



BB-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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ADVANTAGES AT A GLANCE



THE BIGBODY SERIES

THOUGHT OUT DOWN TO THE LAST DETAIL

EFFICIENT AND OPTIMISED

BigBody tippers are extremely robust and reliable and are characterised by a visually appealing, timeless design. They are made of high-quality steels and are weight-optimised. Due to the folded sidewall sheets, we guarantee optimum rigidity at the same time. The conical body facilitates the slipping of the load.

STABLE

The torsion-resistant chassis made of rectangular tubes have belonged to the best ones on the market for years. In addition to the low empty weight, there are also no obstructive surfaces on which dirt can deposit. All vehicles are equipped with BPW axles; automatic slack adjusters also belong to the standard. Large spring centres or two-bladed pull rods resp. ensure a good stability and an excellent driving comfort.

ROBUST AND DURABLE

Thanks to a seamless construction made of one large format sheet plate each, there are less edges on the lateral sidewalls and floor sheet of the BigBody model where loaded goods can accumulate. The acting forces are leaded through the massive belly belt to the top frame and ensure an extremely robust overall construction. A lot of field-tested details according to our motto "quality on wheels" round off the BigBody vehicles and ensure durable and functional trailers with a high resale value.

OFF-ROAD AND RELIABLE

Thanks to the overhead brake cylinder for our BPW axles, we warrant a high ground clearance guaranteeing use also in challenging terrain. Due to our modular solutions and a high vertical range of manufacture, we can offer a large choice of individual running gear options and comprehensive advice.

GRAIN-PROOF

The rear tailgate of the BigBody models closes hydraulically and is rape-proof as standard. The rear tailgate cylinders with integrated locking block valve with load safety valve maintain the closing pressure constant and adjust automatically when worn.

FLEXIBLE IN USE

The lateral mudguards are bolted and adjustable in width. Due to the very steep angle of attack, no load remains lying.



High-quality materials



Body sheets made of one piece



Modern production methods



Firmly closed thanks to the hydraulically closing rear tailgate with locking block valve

BIGBODY

TANDEM BODY TIPPERS

MODELS

☑️ **BIGBODY460**

☑️ **BIGBODY500**

☑️ **BIGBODY540**

☑️ **BIGBODY550**

☑️ **BIGBODY600**

☑️ **BIGBODY640**

☑️ **BIGBODY650**

☑️ **BIGBODY700**

☑️ **BIGBODY740**

☑️ **BIGBODY750**

☑️ **BIGBODY790**

☑️ = Carrier series
☑️ = Customised construction



IMPROVED PERFORMANCE

Due to the enormous transport volume and excellent driving characteristics, our Tandem body tippers have become a universal vehicle in the agriculture.


Up to 22 tons can internally be transported on our BPW axles mounted as standard. The springs are generally mounted on the axles in order to guarantee such a high ground clearance.

All Tandem body tippers of the BigBody range are both available as customised construction or as preconfigured vehicle of the Carrier series.

For our Tandem body tippers, a variety of extensions and additional options such as a pneumatic running gear are available.

 **TRANSPORT VOLUME**
15.7 m³ - 44.5 m³

 **PAYLOAD ACC. TO GERMAN TRAFFIC ROAD REGULATIONS**
12,100 kg - 17,200 kg


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


BIGBODY



TRIDEM BODY TIPPERS

MODELS

 **BIGBODY800**

 **BIGBODY900**

 **BIGBODY980**

 = Carrier series
 = Customised construction

THE SCALE IN TERMS OF QUALITY AND SIZE


When it comes to transporting a lot of crop at the shortest possible time, there is no way around the 3-axle BigBody.

Our Tridem body tippers fulfil all requirements applying to the modern agricultural farm. Due to a higher transport volume, crops can efficiently be transported over long distance in the shortest possible time.

Combined to powerful tractors, our XXL tippers score points through efficiency and reliability.

 **TRANSPORT VOLUME**
26.9 m³ - 54.4 m³

 **PAYLOAD ACC. TO GERMAN TRAFFIC ROAD REGULATIONS**
22,700 kg - 25,600 kg

 **TYRE VARIANTS**
560/60 R 22.5 - 710/50 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 on pages 26–29.



WHICH GOODS ARE MAINLY TRANSPORTED?

Please find an optimum volume in proportion to the payload in the data sheets on pages 26–29.



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?

For short distances and low speeds, parabolic springs are ideal. For long, uneven distances and high speeds, the pneumatic suspension offers a lot of advantages, driving safety and particularly driving comfort are increased.



RUNNING GEAR / STEERING AXLES

DRIVING COMFORT MADE BY KRAMPE

OUR KNOW-HOW ON FIELDS AND STREETS

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. They offer you a first class driving comfort and a unrivalled manoeuvrability.

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



The 20 ton parabolic springs fitted as standard on the BigBody 500 and 540 guarantee a high ground clearance.



For the larger BigBody models, we use 24 – 36 t parabolic springs with trailing arms and dynamic compensation with a wheelbase of 1.36 - 1.81 m. The wide spring centre increases the stability off-road, especially on the vehicles with high centre of gravity.



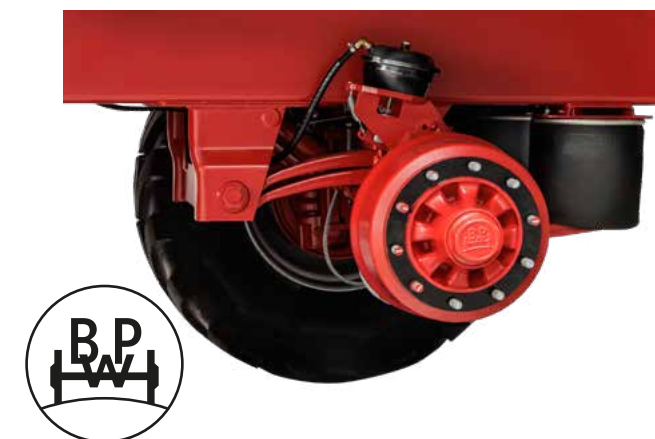
Pneumatic running gears are becoming more and more popular and are partly already offered as standard. The cranked two-bladed pull rods with the large air bellows ensure an excellent engine smoothness and a stable driving behaviour. By venting the air bellows, the vehicle automatically lowers during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



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

BPW STEERING AXLES WITH OVERHEAD BRAKE CYLINDERS

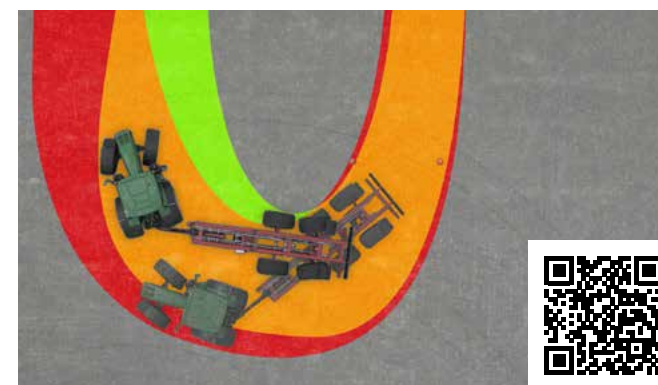
Like our running gears, the steering axles are also manufactured with special know-how. The overhead brake cylinders enable a high ground clearance. This results from a cooperation between BPW and Krampe. Automatic slack adjusters, a 410 x 180 mm large wheel brake and a 150 mm square axle belong to the Krampe standard. The BPW caster steering axle can easily be outfitted with the forced steering. Of course, our axles are all COC type-approved.



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.



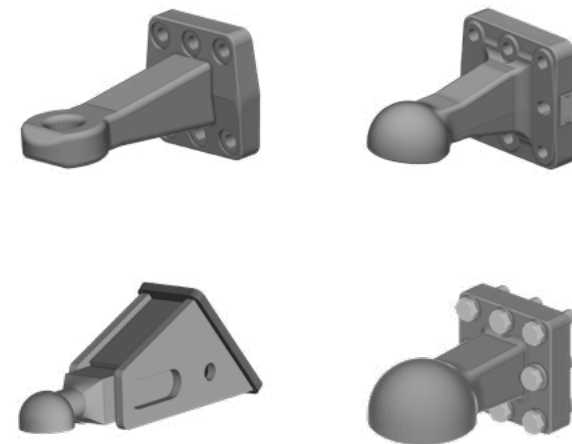
By means of an ISOBUS control, we have implemented the operation via the terminal of the traction vehicle for forced steering.

ACCESSORIES

RUNNING GEAR

INNOVATIONS MADE BY KRAMPE

Our comprehensive range of accessories for running gear offers a wealth of equipment variations. Discover innovations which are exclusively available at Krampe. From forced steering systems to pneumatic suspensions up to smart brake systems - our running gear solutions set a new benchmark in terms of performance, safety and efficiency. Discover the best that the running gear technology has to offer - only at Krampe.



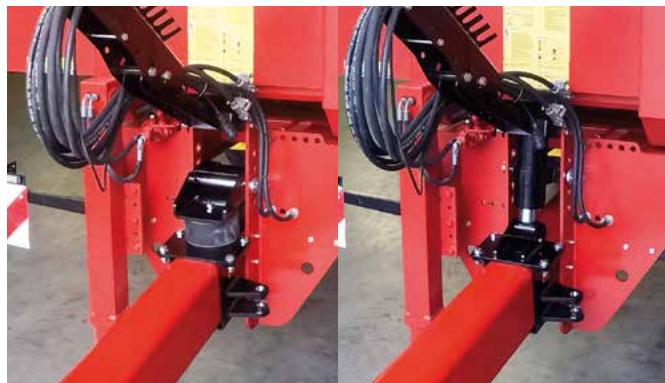
We offer you all common drawbar eyes for your vehicle. No matter which drawbar eye you need, we are able to help you here.



At vehicle rear, further additional options such as trailer coupling, oil and air connections or further lights can be installed.



All underide guard systems are self-constructions from Krampe, registered design for use and type-approved according to EU (VO) 208/2015.



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



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.



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



The hydraulically foldable underide guard can directly be operated from the driver's cab. The lights are also folded upwards and disappear from the danger area.



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



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



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.



Via OptiLink the control of the EBS system is possible via mobile phone or tablet computer. The app is free of charge and available for iOS and Android.

BIGBODY S

THE TWO-WAY TIPPERS



THE OPTION IN LOW HALLS FLEXIBLE UNLOADING

BigBody tippers as two-way tippers are an interesting option, e.g. for unloading in low halls. As standard, the lateral tipping is carried out on the left in travelling direction, but tipping on the right in travelling direction is also possible upon request. We guarantee corn density also by our two-way tippers through the lateral

locking rails on the sidewalls. In order that the load is tipped cleanly over the wheels, the lateral discharge outlet is designed as a mudguard and chute in one. The tipper bridges remain torsion-resistant up to a length of 9 m thanks to the half-height sidewalls with a bright opening of approx. 75 cm.

MODELS

BIGBODY550 S

BIGBODY600 S

BIGBODY650 S

BIGBODY700 S

BIGBODY750 S

BIGBODY800 S

BIGBODY900 S



The hydraulic unlocking device of the lateral sidewalls can easily be carried out from driver's seat. The top dead centre locking system avoids involuntary opening.



The lateral sidewalls are made grain-proof over their entire length by means of a pressure lip. The pressure rail and the standard discharge plate are mounted on the disengaging shaft.



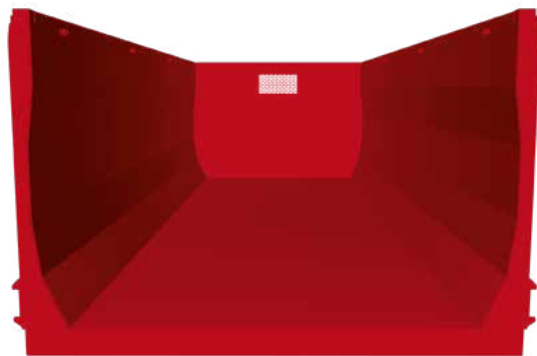
BODY

AS IF FROM A SINGLE MOULD

ROBUST AND DURABLE CLEANLY DESIGNED

Our BigBody tippers are made of high-quality steels and are weight-optimised. The floor sheet and the lateral sidewalls are made of one piece. A completely even body construction withstanding a lot. The belly belt leads the acting forces from the bottom group to the

top frame. The top frame is made of massive rectangular tube (100 × 80 × 5 mm). All components are welded watertight all around. We guarantee thus a maximum of transport efficiency and corrosion protection.



The sidewalls are made of one piece, also the floor sheet consists of only one sheet plate. The inside surface is smooth as glass, the conical body is 10 cm wider at rear and facilitates the slipping of adhering loads.



The bottom group is heavily ribbed from below. The body beams are made of massive rectangular tubes. The braces under the body as well as the central and end stanchions are welded all around against corrosion.

REAR TAILGATE

GRAIN-PROOF AND STABLE

FIRMLY SEALED HYDRAULICALLY PRESSED

We manufacture our rear tailgates from one sheet of metal, the lower trapezoidal bottom profile is edged. The hydraulic opening with automatic pressing system through laterally mounted closing hooks equipped with a locking block valve and load safety valve warrant a reliable seal. The rear tailgate possesses a spacious discharge outlet with a long dosing lever which can optionally be adapted to further chutes.



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



The rear tailgate with a 45° discharge slant is self-cleaning. The discharge outlet runs in plastic guides and can either be mounted on the left or on the right.



A discharge sheet for further unloading during tipping for potatoes or other goods is available with an external width of 2.55 m and a depth of 31 cm.



Different chutes can optionally be mounted behind the discharge outlet.

ACCESSORIES

BODY



The heavy Faust tipping bearings with exchangeable brass bushes are mounted backlash-free. The Tridem vehicles are equipped with a rocking ball bearing as standard.

EXACT YOUR BIGBODY WE FULFIL YOUR REQUIREMENTS

For our BigBody range, there is a wide selection of accessories. From standard, adjustable mudguards to further working lights or larger inspection windows up to augers, you can adapt your BigBody in such a way that it corresponds to your requirements. Thereby we attach importance to highest quality and processing for all accessories. You may find a large choice of the available options on the individual product pages on our website.



Standard bolted mudguards adjustable in width with very steep angle of attack where no load adheres.



Removable stable aluminium ladder at headboard.



For low halls or sensible transport goods as potatoes, body height can be reduced by 1.00 meter.



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.



A 200 mm high firmly welded top frame is available to increase transport volume.



For the body, an inspection window in lattice stone look with plexi-glas cover can be inserted in the headboard.



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



Different STOPSHOCK rubber baffles with dimensions from 1.80 x 1.50 m up to 1.80 x 2.50 m are available for a lot of models.



Our scissor stabiliser minimises torsions between chassis and body during tipping and belongs to the standard equipment of the Big-Body 980.



Performant augers with lateral unloading and capacities from 20 up to 35 t/h.

EXTENSIONS

MORE VOLUME FOR YOUR BIGBODY



Silage extensions are available as steel silage extensions with a construction height of 60 or 80 cm.

MORE CAPACITY THROUGH VOLUME INCREASE

For no other product range do we offer as a lot of extension options as for our BigBody. In the heights of 40, 60 and 80 cm, the body can be increased by extensions. The 80 cm high steel extension can additionally be supplemented with a 20 cm high aluminium extension in order to achieve maximum transport volume. A lot of extensions can also be mounted grain-proof or hydraulically foldable to the side, in order to expand your transport possibilities even further.



Extra light silage extensions made of aluminium are available with a construction height of 40 cm.



Rubber sealing strips at the front and the rear allow the silage extensions to be grain-proof.



The laterally foldable extension sidewalls can be actuated hydraulically.



The 80 cm high steel extensions can be extended by further aluminium extensions with a height of 20 cm.

LOAD SECURING

TARPAULINS AND COVER SYSTEMS

SAFELY TRANSPORTED FROM THE FIELD TO THE FARM

Load securing for agricultural trailers is essential to warrant not only the safety on the roads but also the intactness of the load. All covering systems fulfil §22 of the German Traffic Road Regulations and guarantee a safe transport. Our BigBody series possesses a large range of covering and securing systems.



The two-sided hydraulic Krampe TwinTop cover opens and closes within only approx. 15 seconds and can easily be actuated from the driver's cab.



Roll-over tarps are an easy but proven system for load securing. The tarpaulin can quickly and easily be rolled and secured by means of the winding board.



A working platform can optionally be mounted on the headboard.



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.



The laterally swivelling aluminium brackets open and close the net covering. The external vehicle width can exceed 2.55 m, it is permissible according to German Traffic Road Regulations.







The Fliptop covering system opens and closes hydraulically to both vehicle sides.





CARRIER SERIES

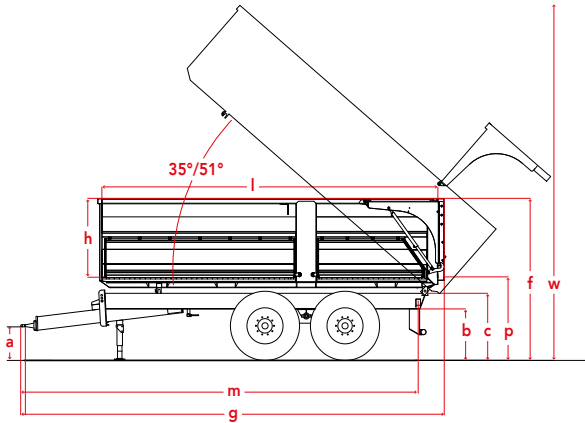
TECHNICAL DATA AND DETAILS

TECHNICAL DATA	TANDEM BODY TIPPER										
	 BIGBODY460	 BIGBODY500	 BIGBODY540	 BIGBODY550	 BIGBODY600	 BIGBODY640	 BIGBODY650	 BIGBODY700	 BIGBODY740	 BIGBODY750	 BIGBODY790
Perm. GVWR*1	16 t/40 km/h	19 t/40 km/h	19 t/40 km/h	21 t/40 km/h	21 t/40 km/h	22 t/40 km/h	22 t/40 km/h	24 t/40 km/h	24 t/40 km/h	24 t/40 km/h	24 t/40 km/h
Payload acc. to German traffic road regulations*1	approx. 12.1 t	approx. 14.9 t	approx. 14.3 t	approx. 15.7 t	approx. 15.2 t	approx. 16.0 t	approx. 15.5 t	approx. 16.8 t	approx. 16.8 t	approx. 16.7 t	approx. 16.6 t
Technical payload	approx. 14.0 t	approx. 14.9 t	approx. 14.8 t	approx. 20.0 t	approx. 20.0 t	approx. 20.5 t	approx. 21.0 t	approx. 22.0 t	approx. 22.0 t	approx. 22.0 t	approx. 22.0 t
Empty weight*1	approx. 4.3 t	approx. 4.4 t	approx. 4.7 t	approx. 5.5 t	approx. 5.7 t	approx. 6.0 t	approx. 6.5 t	approx. 7.2 t	approx. 7.3 t	approx. 7.3 t	approx. 7.4 t
Permissible tongue load (max)	2 t	2 t	2 t	3 t	3 t	4 t	4 t	4 t	4 t	4 t	4 t
Suspended drawbar	–	–	series	series	series	series	series	series	series	series	series
Towing height	95/101/106 cm	95/101/106 cm	55 - 90 cm	55 - 90 cm	55 - 90 cm	55 - 70 cm	55 - 70 cm	55 - 70 cm	55 - 70 cm	55 - 70 cm	55 - 70 cm
Traction power requirement from	55 kW (75 HP)	59 kW (80 HP)	59 kW (80 HP)	74 kW (100 HP)	92 kW (125 HP)	102 kW (140 HP)	102 kW (140 HP)	125 kW (170 HP)	125 kW (170 HP)	132 kW (180 HP)	132 kW (180 HP)
Oil quantity / tipping angle	20 l/51°	20 l/51°	20 l/51°	26 l/51°	34 l/51°	34 l/51°	34 l/51°	41 l/49°	41 l/49°	47 l/52°	47 l/52°
Telescopic ram	4 stages	4 stages	4 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages
Lifting length	2,305 mm	2,305 mm	2,305 mm	1,805 mm	2,230 mm	2,230 mm	2,230 mm	2,780 mm	2,780 mm	3,225 mm	3,225 mm
Lifting capacity with pourable loads	approx. 14 t	approx. 16 t	approx. 15 t	approx. 20 t	approx. 22 t	approx. 21 t	approx. 21 t	approx. 23 t	approx. 23 t	approx. 23 t	approx. 23 t
Brake axles, carrying capacity at 40 km/h*2	each 10 t	each 10 t	each 10 t	each 10 t	each 10 t	each 10 t	each 13 t	each 13 t	each 13 t	each 13 t	each 13 t
Axle cross section	120 mm	120 mm	120 mm	120 mm	120 mm	120 mm	150 mm	150 mm	150 mm	150 mm	150 mm
Track width with offset 0	1.95 mm	1.95 m	1.95 m	1.95 m	1.95 m	1.95 m	1.95 m	2.15 m	2.15 m	2.15 m	2.15 m
Max. permissible tyre diameter	1.25 m	1.25 m	1.25 m	1.27 m	1.27 m	1.38 m	1.38 m	1.50 m	1.50 m	1.50 m	1.50 m
Parabolic springs / other	16 t Parabolic springs	20 t Parabolic springs	20 t Parabolic springs	24 t Parabolic springs	24 t Parabolic springs	24 t Parabolic springs	32 t Parabolic springs	Pneumatic suspension	Pneumatic suspension	Pneumatic suspension	Pneumatic suspension
Rear axle support	–	–	–	–	–	–	hydraulic	Lowering	Lowering	Lowering	Lowering
DIMENSIONS IN M	 BIGBODY460	 BIGBODY500	 BIGBODY540	 BIGBODY550	 BIGBODY600	 BIGBODY640	 BIGBODY650	 BIGBODY700	 BIGBODY740	 BIGBODY750	 BIGBODY790
	 BIGBODY460	 BIGBODY500	 BIGBODY540	 BIGBODY550	 BIGBODY600	 BIGBODY640	 BIGBODY650	 BIGBODY700	 BIGBODY740	 BIGBODY750	 BIGBODY790
Body inside dimensions (conical)	4.65 x 2.32 / 2.22 x 1.52 m	5.05 x 2.32 / 2.22 x 1.52 m	5.55 x 2.32 / 2.22 x 1.52 m	5.55 x 2.32 / 2.22 x 1.52 m	6.00 x 2.32 / 2.22 x 1.52 m	6.50 x 2.32 / 2.22 x 1.52 m	6.50 x 2.32 / 2.22 x 1.52 m	7.00 x 2.32 / 2.22 x 1.52 m	7.50 x 2.32 / 2.22 x 1.52 m	7.50 x 2.32 / 2.22 x 1.52 m	8.00 x 2.32 / 2.22 x 1.52 m
Transport volume without extensions	15.7 m³	17.0 m³	18.7 m³	18.7 m³	20.2 m³	21.9 m³	21.9 m³	23.6 m³	25.3 m³	25.3 m³	26.9 m³
Transport volume with 40 cm extensions	19.8 m³	21.4 m³	23.7 m³	23.7 m³	25.5 m³	27.6 m³	27.6 m³	29.8 m³	31.9 m³	31.9 m³	33.9 m³
Transport volume with 60 cm extensions	21.8 m³	23.7 m³	26.0 m³	26.0 m³	28.1 m³	30.5 m³	30.5 m³	32.8 m³	35.2 m³	35.2 m³	37.5 m³
Transport volume with 80 cm extensions	–	–	–	–	–	33.3 m³	33.3 m³	35.9 m³	38.5 m³	38.5 m³	41.0 m³
Transport volume with extensions 80 + 20 cm	–	–	–	–	–	36.2 m³	36.2 m³	39.0 m³	41.8 m³	41.8 m³	44.5 m³
Overall height at 35° / 51° tipping angle (w)	5.18/5.80 m	5.50/6.20 m	5.65/6.40 m	5.73/6.50 m	6.00/6.85 m	6.15/7.05 m	6.41/7.36 m	6.66 m (7.71 m/49°)	6.70 m (7.60 m/48°)	7.10 m (8.25 m/52°)	7.15 m (8.40 m/52°)
Platform height, unloaded (p) with tyres	1.34 m 560/60 R 22.5	1.34 m 560/60 R 22.5	1.34 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.57 m 600/55 R 26.5	1.53 m 600/55 R 26.5	1.53 m 600/55 R 26.5	1.53 m 600/55 R 26.5	1.53 m 600/55 R 26.5
Tipping height at 35° / max. tipping angle (c)	1.15/1.12 m	1.15/1.12 m	1.00/0.92 m	1.18/1.10 m	1.18/1.10 m	1.04/0.95 m	1.30/1.20 m	1.20/1.01 m	1.06/0.95 m	1.20/1.01 m	1.01/0.95 m
Overall length (g)	6.27 m	6.72 m	7.49 m	7.50 m	7.90 m	8.39 m	8.41 m	8.95 m	9.40 m	9.38 m	9.89 m
Overall height without extensions (f)	2.86 m	2.86 m	2.86 m	2.96 m	2.96 m	2.96 m	3.11 m	3.07 m	3.07 m	3.07 m	3.07 m
Dimension middle drawbar eye / middle rear trailer coupling	6.00 m	6.41 m	6.84 m	6.90 m	7.40 m	7.64 m	7.87 m	8.38 m	8.41 m	8.80 m	9.10 m
Underneath chassis tubes (b)	0.91 m	0.91 m	0.91 m	0.93 m	0.93 m	0.93 m	1.02 m	0.98 m	0.98 m	0.98 m	0.98 m

*1 Empty weight and payload depend on equipment. The empty weight is indicated with the listed reference tyres.
*2 We use 10-hole axles from BPW. All axles are equipped with automatic slack adjusters (ASA). A pneumatic brake (two-line system) and an ALB valve also belong to the standard.





























-  Customised construction
-  Carrier series

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





CUSTOMISED CONSTRUCTION

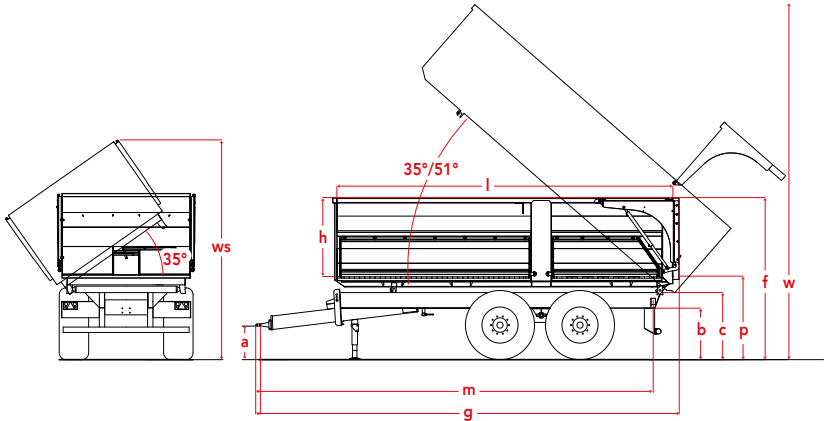
TECHNICAL DATA AND DETAILS

TECHNICAL DATA	TANDEM BODY TIPPER												TRIDEM BODY TIPPER		
	 BIGBODY460	 BIGBODY500	 BIGBODY540	 BIGBODY550	 BIGBODY600	 BIGBODY640	 BIGBODY650	 BIGBODY700	 BIGBODY740	 BIGBODY750	 BIGBODY790	 BIGBODY800	 BIGBODY900	 BIGBODY980	
Perm. GVWR* ¹	16 t/40 km/h	19 t/40 km/h	19 t/40 km/h	21 t/40 km/h	21 t/40 km/h	22 t/40 km/h	22 t/40 km/h	24 t/40 km/h* ³	24 t/40 km/h* ³	24 t/40 km/h* ³	24 t/40 km/h* ³	31 t(34 t* ⁴)/40 km/h	31 t(34 t* ⁴)/40 km/h	34 t/40 km/h* ⁴	
Payload acc. to German traffic road regulations* ¹	approx. 12.1 t	approx. 14.9 t	approx. 14.8 t	approx. 15.8 t	approx. 15.2 t	approx. 16.5 t	approx. 15.5 t	approx. 17.2 t	approx. 17.1 t	approx. 17.0 t	approx. 16.9 t	approx. 22.9 t(25.9 t)	approx. 22.7 t(25.7 t)	approx. 25.6 t	
Technical payload	approx. 14.0 t	approx. 14.9 t	approx. 14.8 t	approx. 21.0 t	approx. 20.0 t	approx. 20.5 t	approx. 21.0 t	approx. 22.0 t	approx. 22.0 t	approx. 22.0 t	approx. 22.0 t	approx. 28.0 t	approx. 28.0 t	approx. 28.0 t	
Empty weight* ¹	approx. 3.9 t	approx. 4.1 t	approx. 4.2 t	approx. 5.2 t	approx. 5.8 t	approx. 5.5 t	approx. 6.5 t	approx. 6.8 - 7.6 t	approx. 6.9 - 7.9 t	approx. 7.0 - 8.0 t	approx. 7.1 - 8.3 t	approx. 8.1 - 9.7 t	approx. 8.3 - 10.2 t	approx. 8.4 - 10.5 t	
Permissible tongue load (max)	2.0 t	2.0 t	2.0 t	3.0 t	3.0 t	4.0 t	4.0 t	4.0 t	4.0 t	4.0 t	4.0 t	4.0 t	4.0 t	4.0 t	
Suspended drawbar	option	option	option	series	series	series	series	series	series	series	series	series	series	series	
Towing height	95/101/106 cm 55 to 85 cm	95/101/106 cm 55 to 85 cm	95/101/106 cm 55 to 85 cm	55 to 90 cm	55 to 90 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	55 to 70 cm	
Traction power requirement from	55 kW (75 HP)	59 kW (80 HP)	59 kW (80 HP)	74 kW (100 HP)	92 kW (125 HP)	102 kW (140 HP)	102 kW (140 HP)	125 kW (170 HP)	125 kW (170 HP)	132 kW (180 HP)	132 kW (180 HP)	140 kW (190 HP)	140 kW (190 HP)	147 kW (200 HP)	
Oil quantity/ tipping angle	20 l/51°	20 l/51°	20 l/51°	26 l/51°	34 l/51°	34 l/51°	34 l/51°	41 l/49°	41 l/49°	47 l/52°	47 l/52°	60 l/51°	64 l/51°	64 l/48°	
Telescopic ram	4 stages	4 stages	4 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	5 stages	
Lifting length	2,305 mm	2,305 mm	2,305 mm	1,805 mm	2,230 mm	2,230 mm	2,230 mm	2,780 mm	2,780 mm	3,225 mm	3,225 mm	3,225 mm	3,425 mm	3,425 mm	
Lifting capacity with pourable loads	approx. 14 t	approx. 16 t	approx. 15 t	approx. 20 t	approx. 22 t	approx. 21 t	approx. 21 t	approx. 23 t	approx. 23 t	approx. 23 t	approx. 23 t	approx. 29 t	approx. 30 t	approx. 30 t	
Brake axles, carrying capacity at 40 km/h* ²	each 10 t	each 10 t	each 10 t	each 10/13 t	each 10/13 t	each 10 t	each 13 t	each 13 t	each 13 t	each 13 t	each 13 t	each 13 t	each 13 t	each 13 t	
Axle cross section	120 mm	120 mm	120 mm	120/150 mm	120/150 mm	120 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	
Track width with offset 0	1.95 m	1.95 m	1.95 m	1.95 m (2.15 m)	1.95 m (2.15 m)	1.95 m	1.95 m (2.15 m)	1.95 m (2.15 m)	1.95 m (2.15 m)	1.95 m (2.15 m)	1.95 m (2.15 m)	2.15 m	2.15 m	2.15 m	
Max. permissible tyre diameter	1.25 m	1.25 m	1.25 m	1.27 m	1.27 m (1.38 m)	1.38 m	1.38 m	1.50 m	1.50 m	1.50 m	1.50 m	1.38 m (1.50 m)	1.38 m (1.50 m)	1.50 m	
Parabolic springs / other	16 t	20 t	20 t	24 t	24 t	24 t	32 t	32 t	32 t	32 t	Pneumatic suspension	36 t	36 t	Pneumatic suspension	
Rear axle support	-	-	-	option	option	-	hydr./series	hydr./series	hydr./series	hydr./series	lowering	-	-	lowering	
DIMENSIONS IN M	 BIGBODY460	 BIGBODY500	 BIGBODY540	 BIGBODY550	 BIGBODY600	 BIGBODY640	 BIGBODY650	 BIGBODY700	 BIGBODY740	 BIGBODY750	 BIGBODY790	 BIGBODY800	 BIGBODY900	 BIGBODY980	
Body inside dimensions (conical)	4.65 x 2.32 / 2.22 x 1.52 m	5.05 x 2.32 / 2.22 x 1.52 m	5.55 x 2.32 / 2.22 x 1.52 m	5.55 x 2.32 / 2.22 x 1.52 m	6.00 x 2.32 / 2.22 x 1.52 m	6.50 x 2.32 / 2.22 x 1.52 m	6.50 x 2.32 / 2.22 x 1.52 m	7.00 x 2.32 / 2.22 x 1.52 m	7.50 x 2.32 / 2.22 x 1.52 m	7.50 x 2.32 / 2.22 x 1.52 m	8.00 x 2.32 / 2.22 x 1.52 m	8.00 x 2.32 / 2.22 x 1.52 m	9.00 x 2.32 / 2.22 x 1.52 m	9.80 x 2.32 / 2.22 x 1.52 m	
Transport volume without extensions	15.7 m ³	17.0 m ³	18.7 m ³	18.7 m ³	20.2 m ³	21.9 m ³	21.9 m ³	23.6 m ³	25.3 m ³	25.3 m ³	26.9 m ³	26.9 m ³	30.3 m ³	32.9 m ³	
Transport volume with 40 cm extensions	19.8 m ³	21.4 m ³	23.7 m ³	23.7 m ³	25.5 m ³	27.6 m ³	27.6 m ³	29.8 m ³	31.9 m ³	31.9 m ³	33.9 m ³	33.9 m ³	38.2 m ³	41.5 m ³	
Transport volume with 60 cm extensions	21.8 m ³	23.7 m ³	26.0 m ³	26.0 m ³	28.1 m ³	30.5 m ³	30.5 m ³	32.8 m ³	35.2 m ³	35.2 m ³	37.5 m ³	37.5 m ³	42.2 m ³	45.8 m ³	
Transport volume with 80 cm extensions	-	-	-	-	-	33.3 m ³	33.3 m ³	35.9 m ³	38.5 m ³	38.5 m ³	41.0 m ³	41.0 m ³	46.1 m ³	50.1 m ³	
Transport volume with extensions 80 + 20 cm	-	-	-	-	-	36.2 m ³	36.2 m ³	39.0 m ³	41.8 m ³	41.8 m ³	44.5 m ³	44.5 m ³	50.1 m ³	54.4 m ³	
Overall height at 35° / 51° tipping angle (w)	5.18/5.80 m	5.50/6.20 m	5.65/6.40 m	5.73/6.50 m	6.00/6.85 m	6.15/7.05 m	6.41/7.36 m	6.70/7.75 m/49°	6.70/7.60 m/48°	7.10/8.25 m/52°	7.15/8.40 m/52°	7.20/8.45 m	7.65/8.79 m/48°	7.95/9.21 m/48°	
Height with side tiepeach (ws)	-	-	-	4.06 m	4.06 m	-	4.20 m	4.20 m	-	4.20 m	-	4.20 m	4.20 m	-	
Platform height, unloaded (p) with tyres	1.34 m 560/60 R 22.5	1.34 m 560/60 R 22.5	1.34 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.46 m 560/60 R 22.5	1.57 m 600/55 R 26.5	1.57 m 600/55 R 26.5	1.57 m 600/55 R 26.5	1.57 m 600/55 R 26.5	1.53 m 600/55 R 26.5	1.57 m 600/55 R 26.5	1.57 m 600/55 R 26.5	1.53 m 600/55 R 26.5	
Tipping height at 35° / max. tipping angle (c)	1.15/1.12 m	1.15/1.12 m	1.00/0.92 m	1.18/1.10 m	1.18/1.10 m	1.04/0.95 m	1.30/1.20 m	1.30/1.20 m	1.10/0.90 m	1.30/1.20 m	1.12/1.01 m	1.30/1.20 m	1.10/0.98 m	0.94/0.78 m	
Overall length (g)	6.27 (6.57) m	6.72 (6.97) m	7.20 (7.49) m	7.50 m	7.90 m	8.39 m	8.41 m	8.95 m	9.40 m	9.38 m	9.89 m	9.93 m	10.93 m	11.79 m	
Overall height without extensions (f)	2.86 m	2.86 m	2.86 m	2.96 m	2.96 m	2.96 m	3.11 m	3.11 m	3.11 m	3.11 m	3.07 m	3.11 m	3.11 m	3.11 m	
Dimension middle drawbar eye / middle rear trailer coupling	6.00 (6.30) m	6.41 (6.66) m	6.55 (6.84) m	6.90 m	7.40 m	7.64 m	7.87 m	8.38 m	8.40 m	8.80 m	9.10 m	9.40 m	10.15 m	10.55 m	
Underneath chassis tubes (b)	0.91 m	0.91 m	0.91 m	0.93 m	0.93 m	0.93 m	1.02 m	1.02 m	1.02 m	1.02 m	0.98 m	1.02 m	1.02 m	0.98 m	

*1 Empty weight and payload depend on equipment. The empty weight is indicated with the listed reference tyres.
*2 We use 10-hole axles from BPW. All axles are equipped with automatic slack adjusters (ASA). A pneumatic brake (two-line system) and an ALB valve also belong to the standard.
*3 24 t permissible GVWR in Germany only permissible with wheelbase 1.81 m. 10 ton single axle load possible.
*4 34 t permissible GVWR in Germany only permissible with wheelbase 1.81 m. 10 ton single axle load possible.

 Customised construction
 Carrier series

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



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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