

Tipper trailers

Designed for the rough. Thought-out down to the last detail.



FIRST CLASS TRANSPORT





Designed for the rough. Thought-out down to the last detail.

The passion for innovative transport solutions has been driving us for over 65 years. With a clear goal – we build trailers that make your work easier, are practical to handle and absolutely safe – no matter what happens. Every day! The new tipper trailer generation from Böckmann is designed for 100 percent reliability. The uncompromising quality, clever details and optimised user-friendliness make our tipper trailers the safest in their class. Find out more on the following pages. We hope you enjoy browsing through our range!

Kon Boden

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Quality. Nothing done by halves.

What makes a Böckmann tipper trailer so special? It's very simple: The top-class combination of robust, durable, stable construction and practical functionality. Newly designed, even stronger side walls with optimised profiles keep bulk material, building materials or green waste securely in place. They make sure that almost nothing is lost on the road. The tipping angle of 45 degrees offers absolute professionalism and at the same time optimised user-friendliness. Cleverly designed details guarantee maximum safety. Why don't you take a look yourself? Browse through this brochure and then contact your local Böckmann partner. Your Böckmann dealer will provide reliable, honest and competent advice!





Illustration shows DK-AL 3218/35 P.



Model selection. Basic and Profi.





- ✓ Long-stroke locking device
- ✓ Steel sheet floor on screen-printed floor
- √ 300 mm aluminium side walls
- ✓ Rail storage in the lower bridge
- ✓ Total weight up to 3t



Profi models: 3-side tipper trailer

Tandem and tridem version

- ✓ Standard electrohydraulics with emergency stop battery disconnector
- ✓ Angle lever locks
- ✓ Steel sheet floor on screen-printed floor
- ✓ 350 mm aluminium side walls or 400 mm steel side walls available
- ✓ Rail storage in rail slots, the rails are removed from the rear
- ✓ Total weight up to 3.5 t

Turn to page 12 for further information.

At a glance. Basic models.

The robust tipper trailers from the Basic class have an impressively high, first-class quality standard. The optimised frame construction provides even more stable lateral rigidity and an even larger transport capacity. The solid workmanship and cleverly designed details, such as the rail storage in the lower bridge or the lashing shackles recessed into the loading platform, ensure a high degree of flexibility and at the same time offer maximum safety with the highest level of driving comfort.

Overview of model variants

L x W inner dimensions (mm)	Total weight (kg)
2560 x 1400	1500
2560 x 1650	1500/1800/2000/2700/3000
3060 x 1650	2700/3000

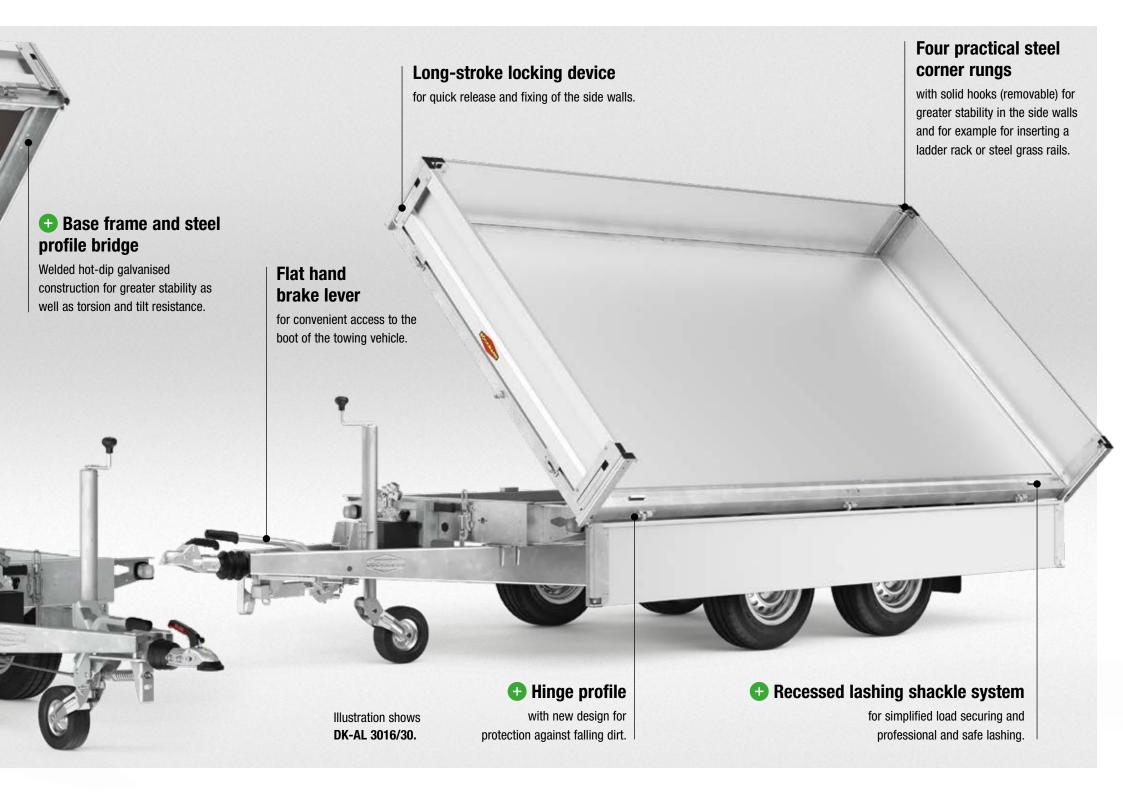
Additional basic versions are shown on the following pages.

Please refer to the tables on page 25 for further technical details.

Trailers shown include special accessories in some cases.

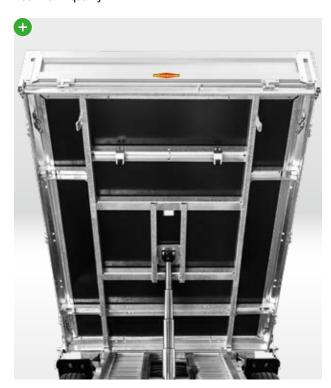






Standard features. Basic models.

From the solid frame construction for maximum strength to convenient long-stroke locking device and the new side walls for improved load securing – the first-class workmanship and high-quality materials are all evidence of the original Böckmann quality.



Base frame and steel profile bridge

Welded and hot-dip galvanised base frame with solid steel profile bridge. The full longitudinal beams in the upper bridge provide extra stability as well as torsion and tilt resistance.



Rail storage in the lower bridge

By retrofitting rail angle profiles (accessories), rail storage is provided in the lower bridge for easy and safe transport of the drive-on rails (accessory).





Drive-on rail mounting and securing

is effected by hooking the safety tongue between the frame and the rear flap (01) or swinging rear flap (02). Additional securing profile as standard feature for steel rear flaps and steel swinging rear flaps (optional for aluminium swinging rear flap and not available for aluminium rear flaps).



Telescopic cylinder with hand pump

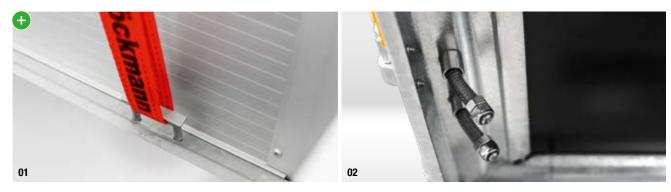
Large hydraulic telescopic cylinder with hand pump for easy raising and lowering of the loading platform, protected between the V-drawbar. The hydraulic hoses are safely laid in a separate plastic tube.



Safety support

The safety support secures the upper bridge and prevents it from dropping during maintenance.





Recessed, rattle-free lashing shackles (01) with spring (02)

Four lashing shackles for safe lashing of the load. Due to the bevelled edge, the lashing shackles are flush with the floor, creating a flat surface for loading. Max. traction: 500 daN. Lashing shackles available as accessory for model series RK-AL 2514/15.



New hinge profile and side wall construction with mechanical sealing

The new hinge profile is protected from falling dirt when the side wall is folded down by its closed construction at the top (02). The new side wall design ensures almost loss-free cargo transport. The side wall has a mechanical seal (01).



Wide tipping angle

All tipper trailer models have a tipping angle of 45° for faster tipping of the load. Even loads that are difficult to move are tipped safely and quickly.



Non-interchangeable locking pin

The non-interchangeable system for the securing pin ensures a higher level of safety. Incorrect insertion of the pins and a misalignment of the bridge is impossible.



High ground clearance

The high ground clearance enables a close approach to large slope angles.



Bolted V-drawbar

The V-drawbar is easy to maintain due to its bolted connection for a long service life of the trailer.



Eccentric lock on front profile

for more driving safety, especially with fitted bodies. Illustration shows electrohydraulics (accessory).



Automatic jockey wheel

for firm stability and fast cranking (accessory for RK-AL 2514).



Front bearing with degree of freedom to the front and rear

Robust tilting mechanism: even irregular loading does not restrict the tipping mechanism.



Long-stroke locking device and steel corner rungs

The long-stroke locking device guarantees safe and convenient closure of the side walls. Four practical steel corner rungs with solid hooks (removable) for more stability in the side walls and, for example, for inserting a ladder rack or steel grass rails.



Flat handbrake lever and safe hitching

The flat handbrake lever enables convenient access to the boot of the towing vehicle. The solid cast coupling ensures that the trailer is safely attached.



High quality tyres and strong axle support

The tipper trailers of the Basic model range are equipped with high-quality 14" tyres (RK-AL 2514/15 with 13" tyres) as well as a multiple bolted axle unit with long supports. Illustration shows wheel shock absorbers (accessory).





Dimensionally stable combination floor and robust side walls (300 mm high)

The fully screen-printed floor is reinforced with a galvanised steel floor for extreme point loading and shock resistance. The side walls are made of robust, double-walled aluminium, foldable on four sides, for easy loading and unloading.



Folding front wall

It is possible to fold down the front wall for loading from the front (front wall cannot be folded down completely flat on the RK-AL 2514 and on the other models with extended side walls).

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At a glance. Profi models.

Extremely robust and user-friendly: The Profi models of our tipper trailer range not only have an impressively solid and high-quality frame construction, but also score points with well-designed details. These include, for example, the rail mounts in the lower bridge and solid angle lever locks for maximum safety. A magnetic remote control, which can be fixed to the frame and towbar, ensures maximum convenience and easy handling. With a side wall height of 350 mm in the aluminium version and 400 mm in the steel version, the cargo is transported almost without losses and above all safely.

Overview of model variants

L x W inner dimensions (mm)	Version	Total weight (kg)
2560 x 1650	aluminium	2700/3000
3240 x 1800	aluminium/steel	2700/3000/3500
3740 x 1800	aluminium/steel	3000/3500
4140 x 2100	aluminium/steel	3500

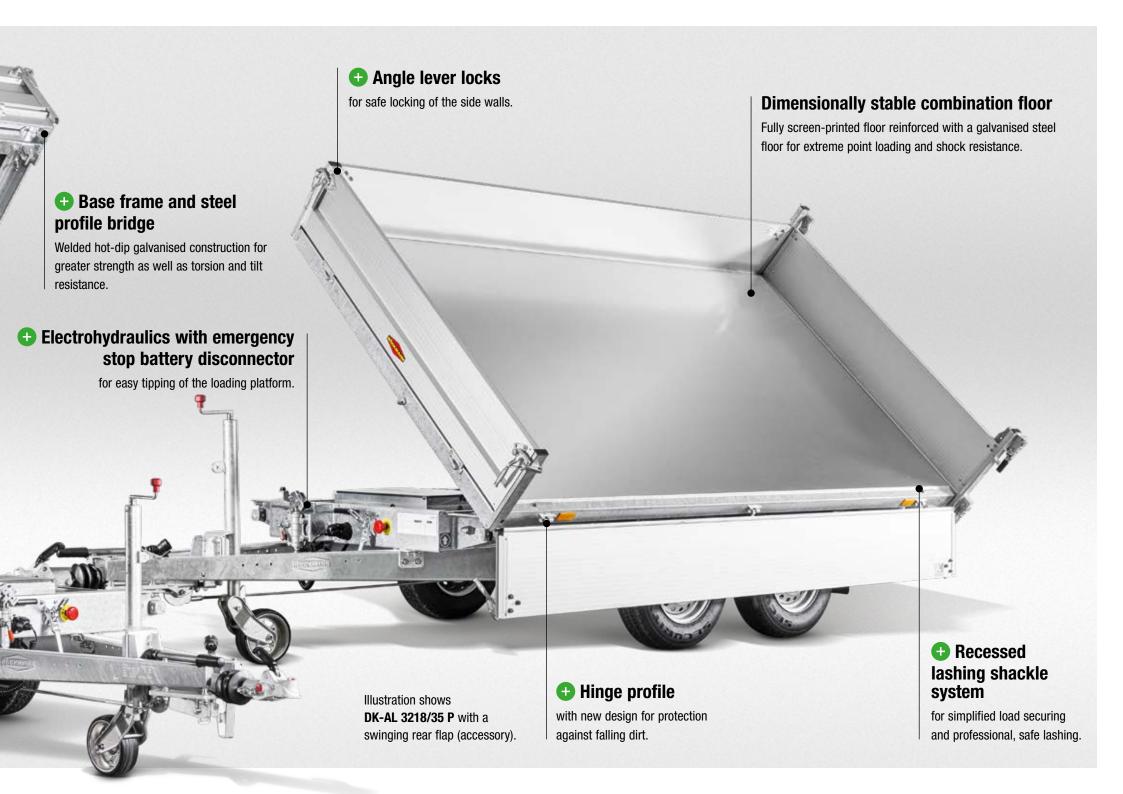
Additional basic versions are shown on the following pages.

Please refer to the tables on page 25 for further technical details.

Trailers shown include special accessories in some cases.







Standard features. Profi models.

With features such as the CE-compliant electrohydraulics with emergency stop battery disconnector and the rail slots in the lower bridge, the new Profi models combine first-class quality and maximum safety to create long-lasting and stable transport solutions in a class of their own.



Base frame and steel profile bridge

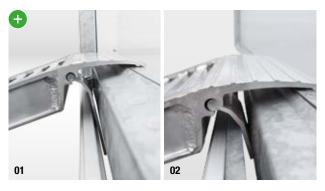
Welded and hot-dip galvanised base frame with solid steel profile bridge. The high longitudinal beams in the lower bridge ensure torsion and tilt resistance.





Lockable rail slots

The rail slots ensure uncomplicated retrofitting of rail angle profiles and drive-on rails (accessories). The rails are conveniently removed from the rear. Illustration shows a swinging rear flap (accessory).



Drive-on rail mounting and securing

is effected by hooking the safety tongue between the frame and the rear flap (01) or swinging rear flap (02). Additional securing profile as standard feature for steel rear flaps and steel swinging rear flaps (optional for aluminium swinging rear flap and not available for aluminium rear flaps).



Standard electrohydraulics with emergency stop battery disconnector (04)

for fast and convenient unloading of bulk materials (up to model 3218 optionally deselectable). All electronics are located in a splash-proof battery box (01) with extra transparent cover for protection and convenient visual inspection (02). The new drive battery has even more power and offers a maximum number of tipping operations. The remote control with spiral cable (03), which is also new, is magnetic and therefore can be attached to almost any point on the trailer. In addition, the remote control can be removed to prevent use by unauthorised persons. The emergency stop battery disconnector (04) is the safest on the market and prevents loss of power due to leakage current.



Telescopic cylinder with emergency hand pump

Large hydraulic telescopic cylinder with emergency hand pump (incl. release valve for smooth lowering) if the electrohydraulics fail, protected between the V-drawbar. The hydraulic hoses are safely laid in a separate plastic tube.



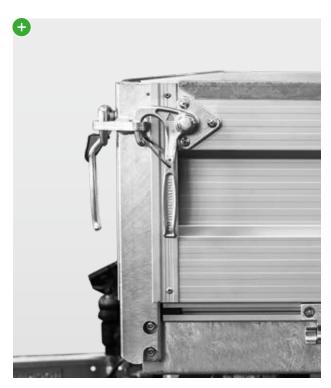
Safety support

for securing the upper bridge. This prevents a sudden drop.



Non-interchangeable locking pin

The non-interchangeable system for the securing pin ensures a higher level of safety. Incorrect insertion of the pins and a misalignment of the bridge is impossible.



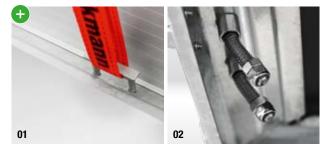
Angle lever locks

The angle lever locks guarantee safe and convenient closure of the side walls. Illustration shows the steel sheet cover (accessory).



3-side steel tipper: Robust side walls

In the steel version, the side walls are 400 mm high (DK-ST from model 3218). Can be folded down on four sides for easy loading and unloading.



Recessed, rattle-free lashing shackles (01) with spring (02)

Four lashing shackles for safe lashing of the load. Due to the bevelled edge, the lashing shackles are flush with the floor, creating a flat surface for loading. Max. traction: 500 daN.



New hinge profile

With the new side wall construction and optimisation of the hinge profiles, the cargo can be transported almost without loss. When the side walls are folded down, they are protected from falling dirt by the closed construction at the top.



Bolted V-drawbar

The V-drawbar is bolted for a long service life and easy maintenance.



High ground clearance

The high ground clearance enables a close approach to large slope angles. Illustration shows a swinging rear flap (accessory).



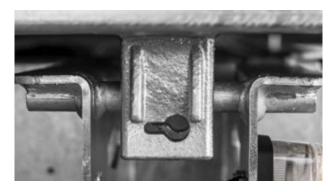
Charging cable

With 7-pin plug for more comfort when recharging. The charger is easy to connect from the outside (only compatible with CTEK-chargers).



Eccentric lock on front profile

for more driving safety, especially with fitted bodies.



Front bearing with degree of freedom to the front and rear

Robust tilting mechanism: even irregular loading does not restrict the tipping mechanism.



Folding front wall

The front wall can be folded down for loading from the front (front wall cannot be completely folded down when the side wall is extended and one of the attachments is mounted).





Flat handbrake lever and safe hitching

The flat handbrake lever enables convenient access to the boot of the towing vehicle. The solid cast coupling ensures that the trailer is safely attached.



Heavy-duty automatic jockey wheel

for firm stability and fast cranking. Standard from 3.5 t total weight.



Dimensionally stable combination floor and robust side walls (350 mm high)

The fully screen-printed floor is reinforced with a galvanised steel floor for extreme point loading and shock resistance. The side walls are made of robust, double-walled aluminium, foldable on four sides, for easy loading and unloading.



Three-axle Profi models Tridem

The three-axle models provide optimum straight-line stability and a good driving balance, especially when the weight is unevenly distributed through the load.



Sturdy axle support and high-quality tyres.

The tipper trailers of the Profi models are equipped with high-quality 14" tyres (DK-ST/DK-AL 4121/35 P T with 13" tyres) as well as a multiple bolted axle unit with long supports. Illustration shows wheel shock absorbers (accessory).

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Accessories.Original Böckmann.

The original Böckmann range of accessories offers a wide variety of options to equip every tipper trailer model to meet your individual needs. Further accessories can be viewed online — or simply contact your local Böckmann partners. They will be happy to assist you at any time!



Storage box

The lockable storage box is very spacious with dimensions of $440 \times 150 \times 210 \, \text{mm}$ and a max. load of 20 kg (not available for the 2516 tandem models).





Additional rattle-free lashing shackles

Additional rattle-free lashing shackles (01) with spring (02) for more lashing points on the loading platform.



Swinging rear flap

for a large opening for unloading. The new body provides 60 mm more ground clearance when tipping and folding down. With the optimised pivot point the distance to the vehicle frame is less when folded down.





Radio remote control for hydraulic pump

With the remote control you can easily unload the trailer, even from a distance.



Battery charger

ensures rapid charging of the battery due to its high performance, so that the trailer is fully operational again after a short time.



Flexible net hooks

The new flexible net hooks simplify placement of the container net along the side walls.





Electric hydraulic pump

with hand pump (standard on Profi models, 01) for fast and convenient unloading of bulk materials. We also recommend the additional charger. The new remote control with spiral cable (02) is magnetic and therefore can be attached to almost any point on the trailer.



Drive-on rails

With the original Böckmann aluminium drive-on rails, vehicle loading is simplified. Drive-on rails are only recommended in combination with telescopic crank drop legs (Safe Loading accessory package).



Side wall gallery and ladder rack

The original Böckmann side wall gallery for secure lashing of the load (not possible with 500 mm side wall and 13" tyres). The ladder rack increases transport and driving safety – especially for high goods.



Telescopic crank drop legs

The telescopic crank drop legs can be swivelled and unscrewed, are bolted to the frame and therefore ensure firm stability. The Safe Loading accessory package is recommended in combination with drive-on rails.



Wheel shock absorbers

for 100 km/h approval**.





13" special tyres

The 13" special tyres reduce the loading height by approx. $50\,\text{mm}$ – ideal for loading construction machinery. Ensures low ground clearance when tilting and folding down the flaps.



Height-adjustable overrun device

With a height-adjustable overrun device the trailer can also be operated with a tractor or a truck tractor (available from the model series DK 3218).



Tarpaulin and hoops

The Böckmann tipper trailer models are also available with tarpaulin and hoops. The tarpaulin can be supplied either as a sliding tarpaulin or as a folding tarpaulin. Other tarpaulin colours and heights are available as well as tarpaulin and hoop constructions that can be folded. Individual lettering is also possible. Your local Böckmann Partner will be pleased to help you!



Universal flat tarpaulin

The universal flat tarpaulin can be used for all tipper models. Retrofitting of accessories is easily possible, as all attachments and extensions are included in the cut-out sections, even for the railings.





Spare wheel holder

The spare wheel holder is mounted at the rear under the trailer floor and can be easily pulled out if necessary (01). Alternatively, it is also possible to mount the holder on the front wall (02).



EasyKipp hydraulic system

for tilting the maximum load with a power screwdriver (available up to a total weight of max. 2.7 t).



Steel sheet cover on the inside of the side wall

To reinforce the side walls, to enable a higher payload (compared to steel side walls) and for additional protection the aluminium side walls can be equipped with a steel sheet cover.



Aluminium side wall extension

The 500 mm robust, double-walled and anodised side wall extension (incl. swinging rear flap) creates more space for your cargo*. If side wall extension are fitted, the side wall may rest on the ground when folded down due to the loading height.



Aluminium box attachment

350 mm or 500 mm high with full-length support profile, pendulum locks and well thought-out lateral stops. Can be folded on three sides and is particularly strong due to the combination of 4 mm steel corner posts and the anodised double chamber aluminium profile. Can be assembled and disassembled without tools.



600 mm steel box attachment or 600 mm and 1000 mm steel grass rails

made of 3 mm steel with solid cross bracing. Pendulum lock, well thought-out lateral stops and additional pin system ensure particularly high stability. The full-length support profile provides optional support on the base side wall and reliable sealing. Can be folded on three sides with fixed front wall, can be mounted and removed without tools.







Accessories.

A 1 1		Basic models		Profi models			
At a glance.	2514¹	2516	3016	2516	3218	3718	4121
7 10 01 910111001							
Wheel shock absorbers	•	•	•	•	•	•	•
Reduced loading height thanks to 13" special tyres	×	•	•	•	•	•	•
Steel grass rails 600 mm	•	•	•	•	•	•	•
Steel grass rails 1000 mm	×	•	•	•	•	•	•
Aluminium box attachment 350 mm ²	•	•	•	•	•	•	•
Aluminium box attachment 500 mm²	•	•	•	•	•	•	•
Steel box attachment 600 mm	•	•	•	•	•	•	•
Tarpaulin and hoops	•	•	•	•	•	•	•
Swinging rear flap	•	•	•	•	•	•	•
Side wall extension to 500 mm ²	•	•	•	•	•	•	•
Galvanised steel sheet on floor	•	•	•	~	~	~	~
Side wall gallery ³	•	•	•	•	•	•	•
Ladder rack	•	•	•	•	•	•	•
Container net	•	•	•	•	•	•	•
Lockable storage box ⁴	•	•	•	•	•	•	•
EasyKipp ⁵	•	•	•	•	•	×	×
Hydraulic connection for tractors ⁶	•	•	•	•	•	•	•
Electric hydraulic pump with battery, charging socket (12 V / 95 Ah) and hand pump	•	•	•	~	~	~	~
Electric hydraulic pump with integr. permanent charger (60 Ah) ⁷	•	•	•	•	•	•	•
Charger for electrohydraulics	•	•	•	•	•	•	•
Net hooks	•	•	•	•	•	•	•
Aluminium drive-on rails, insertable ⁸	×	•	•	×	×	×	×
Aluminium drive-on rails, stowable ⁸	×	×	×	•	•	•	•
Telescopic crank drop legs	•	•	•	•	•	•	~
Jockey wheel	~	✓	×	×	×	×	×
Automatic jockey wheel ⁹	•	✓	✓	•	~	~	×
Heavy-duty automatic jockey wheel 10	×	×	×	×	~	~	~
Safe Loading package ¹¹	×	•	•	•	•	•	•

¹⁾ Single axle models.

²⁾ The side walls can rest on the ground when folded down due to the extension. We recommend only using the swinging rear flap in swing mode and folding down only for loading.

³⁾ Not possible with 500 mm side walls and 13" tyres.

⁴⁾ Storage case only available on 2516 models for single axle trailers. Only one storage case is possible with the Tandem Basic and Profi models combined with telescopic crank drop legs and for EasyKipp.

⁵⁾ Only available for models up to a total weight of 2.7 t.

⁶ Not available in combination with the EasyKipp system.

⁷⁾ Charging cable and connector for charger not included.

⁸⁾ Only available in combination with telescopic crank drop legs.

⁹⁾ Automatic jockey wheel standard on tandem models.

 $^{^{10)}\,\,}$ 3500 kg versions with heavy duty automatic jockey wheel as standard. For 2700 kg and 3000 kg available as accessory.

¹¹⁾ The accessory package comprises drive-on rails and telescopic crank drop legs.

Technic	al
specific	cations.

RK/DK-AL series
Basic models

DK-AL/DK-ST series
Profi models

Model	Во	Body inner dimensions		Total	D . 1				
	Length in mm	Width in mm	Height in mm	weight in kg	Payload in kg	Jockey wheel	Tyres	Loading height in mm	Overrun brake
RK-AL 2514/15	2560	1400	300	1500	1021	Yes	13"	710	Yes
RK-AL 2516/15	2560	1650	300	1500	904	Yes	14"	760	Yes
RK-AL 2516/20	2560	1650	300	2000	1344	Yes	14"	750	Yes
RK-AL 2516/27	2560	1650	300	2700	2034	Yes	14"	750	Yes
RK-AL 3016/27	3060	1650	300	2700	1975	Yes	14"	750	Yes
RK-AL 3016/30	3060	1650	300	3000	2255	Yes	14"	760	Yes
DK-AL 2516/15	2560	1650	300	1500	879	Yes	14"	760	Yes
DK-AL 2516/18	2560	1650	300	1800	1169	Yes	14"	770	Yes
DK-AL 2516/27	2560	1650	300	2700	2009	Yes	14"	750	Yes
DK-AL 2516/30	2560	1650	300	3000	2289	Yes	14"	760	Yes
DK-AL 3016/27	3060	1650	300	2700	1950	Yes	14"	750	Yes
DK-AL 3016/30	3060	1650	300	3000	2230	Yes	14"	760	Yes
DK-AL 2516/27 P	2560	1650	350	2700	2045	Yes	14"	770	Yes
DK-AL 2516/30 P	2560	1650	350	3000	2325	Yes	14"	780	Yes
DK-AL 3218/27 P	3240	1800	350	2700	1770	Yes	14"	760	Yes
DK-AL 3218/30 P	3240	1800	350	3000	2050	Yes	14"	770	Yes
DK-AL 3218/35 P	3240	1800	350	3500	2510	Yes	14"	780	Yes
DK-AL 3718/30 P	3740	1800	350	3000	2000	Yes	14"	770	Yes
DK-AL 3718/35 P	3740	1800	350	3500	2460	Yes	14"	780	Yes
DK-AL 4121/35 P	4140	2100	350	3500	2280	Yes	14"	820	Yes
DK-AL 4121/35 P T	4140	2100	350	3500	2180	Yes	13"	760	Yes
DK-ST 3218/27 P	3240	1800	400	2700	1670	Yes	14"	760	Yes
DK-ST 3218/30 P	3240	1800	400	3000	1950	Yes	14"	770	Yes
DK-ST 3218/35 P	3240	1800	400	3500	2410	Yes	14"	780	Yes
DK-ST 3718/30 P	3740	1800	400	3000	1875	Yes	14"	770	Yes
DK-ST 3718/35 P	3740	1800	400	3500	2335	Yes	14"	780	Yes
DK-ST 4121/35 P	4140	2100	400	3500	2120	Yes	14"	820	Yes
DK-ST 4121/35 P T	4140	2100	400	3500	2020	Yes	13"	760	Yes

AL = Aluminium side walls ST = Steel side walls P = Profi model T = Tridem (three-axle trailer)

Your Böckmann specialist partner for consulting and service:



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