



The Trailer Company.



Experience. Progress.

Increased Safety, Convenience and Efficiency with the S.KI Tipper Semitrailer.

Trailer

Services

Technology

just more.

Innovations for Your Daily Work.

Reduce costs, increase safety, experience comfort.

Every S.KI tipper semitrailer has to be cost-effective. The large additional payload arising from a weight-optimised design is the critical factor and determines the profitability of your investment. In addition, the durable design also guarantees a long service life. The handling and, in particular, the work safety accelerate your loading procedures, making them more efficient. Last of all: Your vehicle also has to save costs and and minimise material wear when on the road.

With intelligent assistance systems, an innovative remote control via smartphone app and the integrated trailer equipment monitoring we have developed our tipper semitrailers into a mobile innovation platform. They combine economy, safety and comfort to create a unique workplace:
The S.KI tipper semitrailer from Schmitz Cargobull.

[Reduce costs]



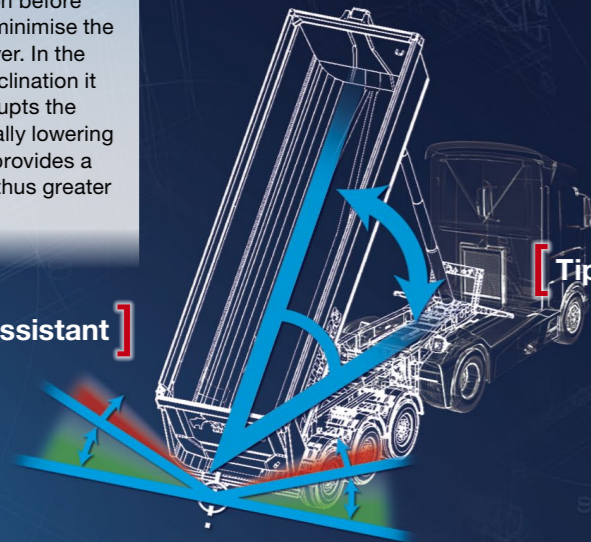
[Increase safety]

[Increase comfort]



The **tilt angle assistant** checks the lateral inclination before tipping in order to minimise the risk of the vehicle tipping over. In the event of excessive lateral inclination it provides a warning or interrupts the tipping process. Automatically lowering the pneumatic suspension provides a lower center of gravity and thus greater tipping stability.

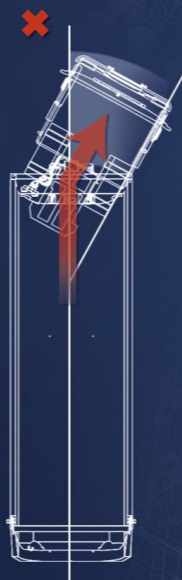
[Tilt angle assistant]



[Tipping angle assistant]



The **tipping angle assistant** warns the driver when he drives off with the body still tipped.



Optimal position

[Articulation angle assistant]



The **articulation angle assistant** checks the exact alignment of the tractor with the trailer. For optimal tipping safety the tractor and the trailer should line up. Critical articulation angles trigger an alarm or the **tipping process** is interrupted.

Your Off-Road Safety.

Stabilising your position when tipping.

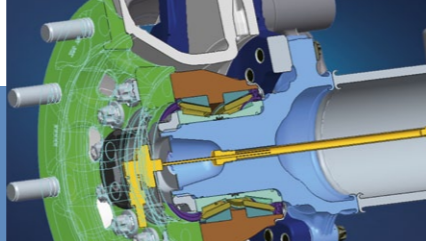
As part of the FEM*-supported design process and during the development tests we work to achieve the best-possible tipping stability for our tipper semitrailers. The typically tough conditions on construction sites mean that you often have to work in unfavourable conditions such as on sloping or uneven terrain. The S.KI tipper semitrailer's **electronic assistants** reliably warn you in critical situations. You can conveniently check the position of the tractor, trailer and the body using yoursmartphone. You can remotely control important functions from the driver's cabin.

* Computer-supported FEM design (Finite Element Method): Calculation of all of the parts and components, taking into consideration the effects of forces, torque and material characteristics.

For Your Safety.

Always on the road with the correct tyre pressure.

The correct pressure of all of the tyres on the axle unit ensures optimal stability when loading and tipping. Constant monitoring of the tyre pressure during transit increases your driving safety and protects you against unexpected breakdowns.



Tyre pressure monitoring with rim sensor and automatic refilling function.

The **tyre pressure assistant** constantly measures the air pressure in every single tyre and compares it with the pre-set value. It intervenes automatically in the event of a deviation and corrects the pressure by automatically refilling the required amount of air.



[Tyre pressure]



All of the tyre pressure assistant functions can be controlled via the smartphone app.

For Your Wallet.

Reduce your costs.

The permanent tyre pressure monitoring with automatic re-filling function reduces your costs from the very first kilometre onward. Inadequate tyre pressure increases roll resistance and thus the fuel consumption of the entire train. In addition, the overall service life of the tyre decreases dramatically.

The correct tyre pressure reduces tyre wear and also protects the entire vehicle construction. As such, you ensure the optimal value retention of your investment and can expect lower life-cycle costs throughout the vehicle's entire service life.



The "Speed Roller" automatic roll-up tarpaulin opens or closes at the press of a button and in only 25 seconds. This eliminates time-consuming manual labour and the need to climb up onto the working platform.

Time is Your Money.

Accelerate your loading and unloading times.

You benefit from the potential savings when tipping frequently and with short routes.

Issue the delivery note or the invoice "just-in-time": Thanks to the on-board weigher system which also helps you to avoid overloading penalties in the event of vehicle checks.

The load data is electronically transferred to your smartphone and/or the office computer immediately after loading or unloading. As a result, the delivery note or the invoice can be generated immediately.

Everything at Your Fingertips.

Control your trailer with your smartphone.

The remote control app for your S.KI tipper semitrailer saves you time and energy while providing you with up-to-date information. It compactly combines the new features and also provides you with additional, reliable facts about the current status of the vehicle and the load.

Simply install the app and you have your trailer at your fingertips.

[App]

Especially when loading or unloading on difficult terrain, the **automatic starting aid** “pays off”, providing the tractor’s drive axle with good traction.

Clear screens display the necessary information, provide warnings and let you control your trailer with a few simple taps: The lifting axle, starting aid, weigher system with delivery note, air pressure and much more.

Keep Cool.

Your reliable equipment for greater efficiency

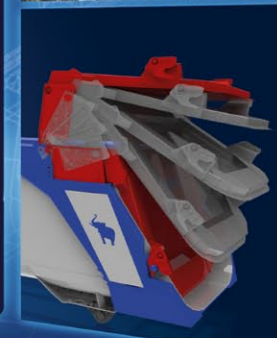
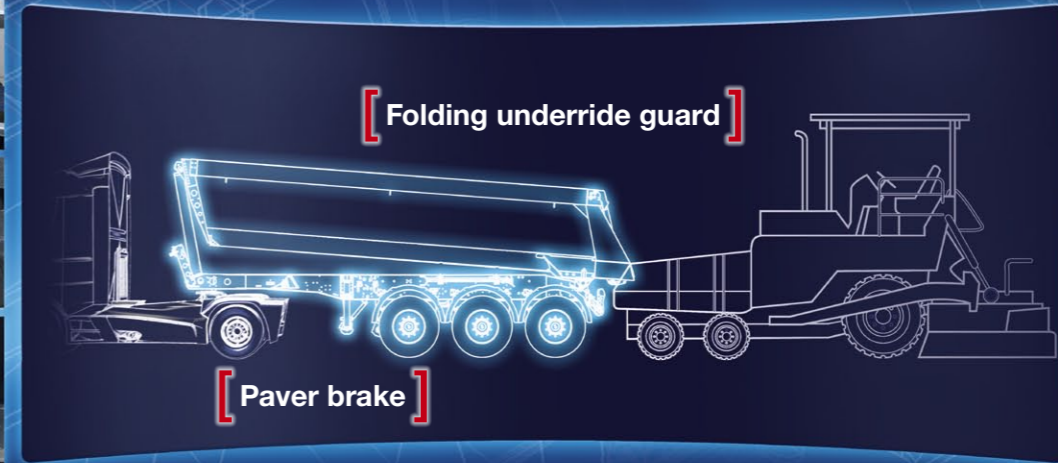
The S.KI tipper semitrailer offers you accessories for every job which you can easily operate via remote control from your smartphone:

- When working with a road paver you can activate the **paver brake** and automatically retract the **underride guard**.
- The newly designed **hydraulically operated tailgate** for bulky goods can also be operated via remote control where necessary.
- A **camera** in the cargo area and on the I-beam lets you monitor the load and the area behind the vehicle on your smartphone's screen. So that you can safely manoeuvre in difficult conditions.

Easy handling: The comfort terminal strip for lighting and air extends out to the side. This enables you to comfortably and safely couple all of the connections from the ground.

Equipment options

- Comfort terminal strip (mechanical)
- Reversing camera
- Cargo area camera
- Automatically folding underride guard
- Remote-controlled hydraulic hinged tailgate:
 - with automatic opening
 - as a pendulum function



From a Single Source.

Our services bring you to your destination.

Over the long-term, even the best product only prevails with the right service. We offer you a comprehensive range of services so that you can confidently offer your customers safe and reliable transportation. Whether original spare parts, authorised workshops, Full Service contracts, financing, trailer telematics or even state-of-the-art fleet management – talk to us. We want you to profit from your investment over the long term.

Find out more at:

www.cargobull.com/uk



Cargobull Finance offers you tailor-made financing from the industry experts. Attractive conditions for **hire-purchase** or **leasing** including **GAP cover**, are a part of our range of services as is the **Schmitz Cargobull insurance package**, which often provides coverage equivalent to fully comprehensive insurance cover.



Cargobull Parts & Services generally delivers all available **original replacement** parts within 24 hours throughout Europe. With a **Full Service contract** including **Breakdown Cover** you protect yourself with an affordable fee against the risk of maintenance, service and repair costs.



Cargobull Telematics with TrailerConnect® covers the increasing demands of modern **trailer telematics**. With the **Position** service you can simplify dispatch management, with the **Technology** service you implement requirement-oriented trailer maintenance. The tailored reports provide you with the foundation for efficient **fleet management**.





The Trailer Company.



We reserve the right to make technical and design changes.
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