M.KI Tipper Bodies

Truck Tipper Bodies – High Performance Off-Road.
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Services for Your Trailer.
For the Entire Life of the Trailer.

One-stop shop: your personal contact from Schmitz Cargobull provides you with comprehensive advice regarding the best transport solution with our trailers and their efficient usage with our services – from the first purchasing talks, to the optimum protection of your investment when in use, to fair valuation for the trade in.

Your Benefits:
- 100% Schmitz Cargobull for the entire trailer life-cycle.
- Service solutions from industry experts, optimally designed for the Schmitz Cargobull product range.
- Europe-wide service and fleet management via online portals.
- Financing, Full Service, trailer telematics, second-hand – individual service packages for every usage.
- Cost and price transparency with original spare parts and the highest service quality.

Tailored financing solutions from industry experts independent of your bank, including GAP Cover.

Insurance package: your protection against the risks of theft, forces of nature, technical and human error.

Acquisition

Valuation & Sales

Second Hand – First Class: Europe-wide used trailer range with certified quality. Nearly new used trailers with the DEKRA certificate.

Fair conditions when selling or trading in your used trailer as the ideal basis for your next investment.
Transparent information using the TrailerConnect data services for position, security, temperature and equipment monitoring.

Outstanding usability via our own telematics-portal or direct data transfer to the leading system.

Telematics-supported fleet management for optimum usage and efficient cost control of the trailers in your fleet.

Individual Full Service contracts including maintenance, wearing parts and breakdown service Europe-wide – for cost transparency and security.

Repair management for quality-assured maintenance and repairs at predictable, fixed rates and with plannable workshop times.

EPOS original spare parts available online 24h/365 for your exact trailer. Europe-wide delivery generally within 24h.

1,300 service partners: your reliable network of specialist workshops throughout Europe. Trained and audited by Schmitz Cargobull.

24h Schmitz Cargobull Euroservice: your Europe-wide breakdown service for rapid assistance.

Tyre service with premium brands for the entire truck-trailer. Ideally selected for customer applications with a Europe-wide service network.

Trailer telematics on board: reliable data collection in the trailer with robust technology meeting the IP69K industrial standard with digital temperature recorder.
Economical Tipper Body.
High Payload and Low Maintenance.

Construction site traffic is hard on both people and materials. Trucks are easier to manoeuvre on construction sites than semi-trailer units, and are ideal even on difficult terrain. For all distances with frequent tipping actions, Schmitz Cargobull rounded steel bodies and steel box bodies for rear tipper bodies are an economical transport solution.

Your Benefits:
- Tipper bodies for trucks from all leading brands.
- Optionally available for 3 and 4-axle chassis.
- Highest quality series production.
- According to individual requirements.
- Well bodies available in four lengths and three side wall heights.

Delivery of mixed asphalt to the road paver.
Strong Steel Box Body.
Robust.

In combination with the fitted ribs, the steel box bodies are particularly robust and ideal for coarse bulk materials. Well suited for your project and heavy goods traffic under the toughest conditions.

The high-strength steel box body is also suitable for the transportation of coarse rubble.

Our steel round well bodies and steel box bodies are ideal for fine grain abrasive bulk goods.

Frequent tipping procedures of gravel and stone chips require a wear-resistant steel body.
Weight-Optimised Rounded Body.

Robust and Durable.

With a low weight, the stability of the body well is the result of a construction with different material thickness of the floor and side walls. The material is exactly where it is needed and the weight saved is beneficial for the payload.

Schmitz Cargobull uses high-strength steel types with excellent dent and abrasion resistance, tested by our own material research. During production, many quality control inspections are carried out to guarantee the robustness and durability.

Body position guide assists the central positioning and the securing on the sides.
Stable Tipping Rounded Steel Body.
The Optimised Centre of Gravity.

The centre of gravity of our rounded steel body is lower than with the classic half shell. This is achieved by a wider floor. With the same loading volumes, now there is even more material in the lower area. The reduced loading height lends the tipper more driving stability and makes it safer.

Our rear tipper bodies with rounded steel bodies have been specially developed to efficiently transport abrasive material such as sand, gravel, asphalt up to excavated materials and even rubble, with a long service life, high payload and low maintenance requirements.

### M.KI Tipper Body with Steel Rounded Body

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<th>Type length</th>
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<td>External</td>
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<td>15.4 m³</td>
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<td>1,660 mm</td>
<td>15.8 m³</td>
<td>16.4 m³</td>
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<td>19.1 m³</td>
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### Tailgate Version: Chute/External

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<th>Side wall</th>
<th>Tailgate</th>
<th>Body length</th>
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<th>5.0</th>
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<tr>
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Additional floor and side wall combinations on request.
- • Pendulum tailgate
- □ Pendulum tailgate or hydraulic tailgate

The wide floor area of the Schmitz Cargobull rounded steel body allows for a low trailer centre of gravity.
Trailer of Choice as Complete Package.
The Body KIT Saves Time and Money.

With your desired trailer, you have the choice: We manufacture your trailer completely or can use an authorised manufacturing partner. Or, if requested, we can send a module as a self-assembly KIT to the location of final assembly.

The painted body well, hydraulic cylinder, spare wheel holder and tank are pre-assembled fixed on the subframe. Any other attachment parts are supplied as an assembly package in the body well.

The body well KIT is compact, so that two of them can be loaded onto an S.CS curtainsider. This saves time and transport costs.

Thanks to the subframe, the complete package can simply be connected to the desired truck chassis and the units can be connected. This safe and simple construction solution is one of the reasons why Schmitz Cargobull tipper bodies are increasingly favoured by customers in Europe.
Robust Subframes. 
Matched for Every Chassis.

The torsion-resistant subframe allows for a combination with the tractor unit chassis of your choice. This leads to a sturdy, strong connection with the fitting points specific to individual manufacturers. The subframe is suitable for chassis by DAF, Iveco, MAN, Mercedes-Benz, Renault Trucks, Scania and Volvo.

The subframe supports the entire body from the tipping cylinder to the generously dimensioned body tipping bearing for the safe function of the rounded steel body. Accessories and attachments, such as protective plates, a spare wheel carrier and hydraulics tank can be easily fitted to the subframe. This saves time and costs during construction as no complicated adjustment work is necessary.

Generally, the subframe is galvanised for corrosion protection. Alternatively, a high-quality painted version can also be ordered.
Rear Walls.
The Different Types and Their Benefits.

The right rear wall for every need: the different versions with and without chute secure an optimum configuration of your tractor unit and have component-specific advantages.

The chute on the inside of the pendulum tailgate enables centred unloading. The external pendulum tailgate makes partial unloading easier, also available with raised pendulum bearing as with the inside pendulum tailgate.

When unloading, the benefit of a chute is the steered flow of the bulk goods far behind the trailer.

The locking devices on the body well are robust mechanical devices that satisfy the tough daily routine on construction sites. The hook locking device is forced to move which ensures the highest operating safety.

Automatic mechanical hook lock. Locking hooks on the tailgate.
Hydraulic Tailgate.
Maximum Performance Thanks to Active Control.

For a controlled unloading procedure with large through height, the opening angle can be set independently from the tipping angle of the body well. The hydraulic device is integrated into the body well wall in a protected location.
Hydraulic System.

The Power Centre.

The components for the drive of the tipping procedure are a component of the body kit.

All secondary drives of the HGV engine are flanged to the hydraulic pump.

For reliable tipping procedures: The low pressure cylinder with protected Cardan joint.

The user-friendly hydraulics tank is integrated securely into the body.
Two Tarpaulin Versions.
Protection for Bulk Goods.

As a part of the load securing system, a body cover protects road traffic from drifting or falling bulk goods.

- The removable tarpaulin is fixed using a zig-zag anchoring system.
- The roller tarpaulin is fixed at the sides.

The roll-up tarpaulin – rolled-in here – secures the load against the influence of the wind and the light aluminium ladder for operating the tarpaulin is secured to the body well.
Folding Underride Guard.
For More Safety.

Schmitz Cargobull offers an extensive range of accessories for construction site trucks. They simplify operations, speed up processes and ensure additional safety.

Options include a folding underride guard for working on a road paver and a body well heater - the right equipment and smart application-oriented accessories make the difference in day-to-day working life.
Practical Accessories.
Makes the Day-To-Day Working Life Easier.

For perfect protection of the running gear and simple, inexpensive maintenance; The galvanised steel plate mudguard with rubber edging or aluminium chequered plate combines these properties perfectly.

The pictures show further accessories specifically developed for the tough demands of routine daily work.

Side fender plates on the rounded steel body protect the area of the running gear, tanks, brake reservoir and battery when loading.

The canopy on the front upper lip prevents damage caused by overflowing bulk goods.

Quickly accessible spare wheel carrier in the winding version between driver’s cab and well body.

Side ladder for load inspection.

Aluminium ladder in the park position on the side of the I-beam (optional).
Quality in Production.
Our Gotha Factory.

The Schmitz Cargobull competence centre in Gotha is one of the most modern production lines for bulk goods trailers in Europe. Rounded steel bodies are created here with great precision using semi-automated production facilities.

Our engineers work in a consistent manner in the CAD-supported design department to optimise the life cycle costs and ensure that an efficient construction site trailer can be produced for you. Even during the industrial production, we focus strongly on your desires and demands for wear-resistant, lower weight and payload-optimised rounded steel bodies.

With our strong powers of innovation and project management skills, we are also able to deliver customised designs of the highest standards upon request.

Producing top-quality products begins with controlling the quality of the brand components from leading manufacturers.

Tipping stability on uneven ground aids working safety. We test the worst case scenario on the tipping test rig at our Gotha factory.

Precision welding of the rounded steel bodies on semi-automatic production equipment.
Your Success
Is Our Mission.

We owe our success to you. We convince you again and again every day, with good ideas, rapid service and robust bulk goods trailers which support your success in the transport business on a daily basis. We do our very best for you.

You can find more information online: www.cargobull.com. Or simply call us and talk directly to our experts.

We Are There for You.