



M.KI Tipper Bodies

Truck Tipper Bodies – High Performance Off-Road

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One-Stop Solution

At Schmitz Cargobull you get a comprehensive range of services to meet all your trailer-related needs over its entire service life. From the financing of your vehicle and on-the-road service to value retention by means of fair trade-in offers. Reduced downtime increases the availability of your trailers and guarantee their retained value. And all at low and agreed costs – throughout the service life of your trailer.



Tailored financing solutions and insurances from the industry expert



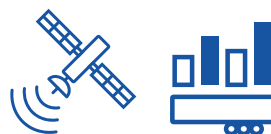
Second-hand – first-class certified-quality used trailers

Procurement

**Valuation
and sales**



Usage



TrailerConnect® telematics for smart logistics and fleet management

24h



Original spare parts available in 24h, order online with the EPOS portal



Full Service for the trailer, refrigeration unit and tyres

24h



24h Cargobull Euroservice Europe-wide breakdown service



1,700 Service Partners – your specialist workshop for Full Service

Our Service Portfolio – Your Benefits:



- One-stop shopping: one central contact for all trailer-related issues
- 100 % Schmitz Cargobull for the entire service life of your trailer
- Service solutions from industry experts, perfectly coordinated with the Schmitz Cargobull product range
- Europe-wide service and fleet management via online portals
- Financing, Full Service, trailer telematics, second-hand trailers – individual service packages for every use
- Cost and price transparency with genuine spare parts and the highest service quality
- Reliable transport industry system partner for comprehensive transport solutions

Please refer to the Service brochure for further information.



Economical Tipper Body

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 journeys with frequent tipping, 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
- High payload and low maintenance requirements
- Highest quality series production
- As per your customised specifications
- Bodies available in two different lengths and three different side wall heights



* Optional.



Body position guide assists central positioning and securing at the sides.



The wide floor area of the Schmitz Cargobull rounded steel body allows for a low trailer centre of gravity.

Tipping Stability and Optimised Weight – Rounded Steel Bodies

The centre of gravity of our rounded steel body is lower than that of a classic half shell. This is achieved through a wider floor. With the same loading volumes, the loading area can hold even more material. The reduced loading height provides the tipper trailer with greater driving stability and improved safety.

With a low weight, the stability of the body is the result of a construction with different material thicknesses of the floor and side walls. The material is exactly where it is needed and the weight saved is beneficial for the payload. We use high-strength steel types with excellent dent and abrasion-resistance, tested by our own material research.

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

M.KI tipper body with rounded steel body					
Type length		5.5		5.8	
Pendulum tailgate in the rear wall		Chute	External	Chute	External
Side wall heights	1,360 mm	16.8 m ³	17.4 m ³	17.7 m ³	18.3 m ³
	1,460 mm	18.1 m ³	18.7 m ³	19.1 m ³	19.7 m ³
	1,660 mm	20.7 m ³	21.4 m ³	21.8 m ³	22.5 m ³

Tailgate version: Chute/external						
Body height		Body length			5.5	5.8
	Floor	Bulkhead	Side wall	Rear wall		
1,360 mm	6 mm	5 mm	5 mm	5 mm	●	●
	8 mm	5 mm	5 mm	5 mm	■	■
1,460 mm	6 mm	5 mm	5 mm	5 mm	●	●
	8 mm	5 mm	5 mm	5 mm	■	■
1,660 mm	6 mm	5 mm	5 mm	5 mm	●	●
	8 mm	5 mm	5 mm	5 mm	■	■

Additional floor and side wall combinations on request.

● Pendulum tailgate

■ Pendulum tailgate or hydraulic rear wall

Robust Subframe

The torsion-resistant subframe enables it to be combined with the chassis of your choice. This leads to a sturdy, strong connection with the fitting points specific to individual manufacturers.

The subframe fits chassis from 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 reduces costs during construction, as no expensive adjustment work is needed.

The subframe is galvanised for corrosion protection. Alternatively, a high-quality painted version can also be ordered.



The highly torsion-resistant subframe transforms the vehicle and the body into a single extremely durable, safe and efficient unit.



Elastic connection with silent sleeves.



The subframe is mounted on the chassis according to the trailer manufacturer's assembly guidelines, here with disc springs.

Hydraulic System

The components for the tipping drive form an integral part of the body kit.



All secondary drives of the truck 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.

Rear Walls

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

The locking devices on the body are robust mechanical devices that cope with tough daily work on construction sites. The hook lock has to be forcibly moved, guaranteeing maximum operational safety.



Automatic mechanical hook lock.



Locking hook on the tailgate.



The pendulum tailgate simplifies partial unloading and is optional, as is the recessed pendulum tailgate, available with top-mounted pendulum bearing.



The hydraulic pendulum tailgate on the robust rounded steel body enables even very large rocks to be securely unloaded.



The chute on the inside of the pendulum tailgate enables centred unloading.



Gotha Plant



Body development and adjustment to manufacturer's specifications with CAD design.



Precision welding of the rounded steel bodies in semi-automatic production facilities.



During the course of development, the trailers are tested on Schmitz Cargobull's own in-house tipping test rig to determine the tipping stability and torsion resistance.



The roller tarpaulin – shown here rolled up – is fixed at the sides and secures the load from the influence of the wind.



The electric sliding tarpaulin is lightweight and quick to operate from the ground (from a height of 1,460 mm).

Two Tarpaulin Models

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



The lightweight aluminium ladder to operate the roller tarpaulin is secured to the body.



Side mountings with roller hooks and a Z-profile improve handling.

Folding Underride Guard

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

Whether a folding underride guard for use on road pavers, a spare wheel carrier and even body heating systems – the right equipment and smart accessories which are right for the job make a big difference to your daily work.



The sturdy folding underride guard.



Underride guard folded up for unloading close to the road paver.



Optionally available: offset, folding underride guard for vehicles with trailer coupling.



Offset underride guard folded up.



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



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

Practical Accessories

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.

Schmitz Cargobull offers further accessories specifically developed for the tough demands of routine operations.



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



Side ladder for load inspection.



Aluminium ladder in parked position on the side of the I-beam.*

* Optional.

Schmitz Cargobull Sales Germany:

Schmitz Cargobull AG

Sales Germany

Bahnhofstrasse 22

D-48612 Horstmar, Germany

Phone: +49 (2558) / 81-7001

Fax: +49 (2558) / 81-91279

E-mail: vertrieb.deutschland@cargobull.com

Website: www.cargobull.de

Schmitz Cargobull Sales Austria:

Schmitz Cargobull Austria GmbH

Bayernstraße 54

A-5071 Wals-Siezenheim, Austria

Phone: +43 (662) 881587-0

Fax: +43 (662) 88158715

E-mail: vertrieb@cargobull.at

Website: www.cargobull.at

Schmitz Cargobull Sales Switzerland:

Schmitz Cargobull Schweiz AG

Höchmatt 7

CH-4616 Kappel, SO, Switzerland

Phone: +41 (62) 959 50 50

Fax: +41 (62) 959 50 60

E-mail: info@cargobull-schweiz.ch

Website: www.cargobull.ch

SCHMITZ
CARGOBULL 
The Trailer Company.



Find out more at:
www.cargobull.com



Schmitz Cargobull AG · Bahnhofstraße 22 · D-48612 Horstmar, Germany · Phone +49 2558 81-0 · Fax +49 2558 81-500 · www.cargobull.com