

MAXTREME®

**ROBUST.
RELIABLE.
EFFICIENT.**



THE MAXTREME[®] REAR TIPPER

INNOVATIVE SOLUTIONS FOR HEAVY-DUTY USE

MEILLER rear tippers feature a large transport volume with optimised external dimensions: they enable the largest possible payload at a low tare weight through payload-optimised solutions in every detail. MEILLER rear tippers are sturdy with a long service life due to the use of high-strength materials and the latest production processes. The frame construction is extremely stable and well protected against corrosion.





MAXTREME rear tipper halfpipe with raised tailgate hinges.



MAXTREME rear tipper with angular tipper body shape.

EFFICIENT TRANSPORT

The large tipping angle of the rear tipper helps the bulk material to flow off. MEILLER achieves high tipping stability thanks to the combination of stabiliser, innovative guiding pieces for the tipper body and reduced overall height. High tipping and lowering speeds accelerate operating cycles.

MEILLER steel tipper bodies are designed for the harshest applications. They are low wear and crack-resistant. They have a low centre of gravity, which ensures good road holding and excellent driving characteristics.

WIDE PRODUCT RANGE FOR ALL PURPOSES

The P and H series from MEILLER represent a wide product range that satisfies individual requirements. Always find the ideal rear tipper for your needs with the Light, Medium and Heavy variants.

PRODUCT RANGE

FOR EVERY REQUIREMENT, THERE IS AN IDEAL MAXTREME® REAR TIPPER

P Halfpipe		Light	Medium	Heavy	
3 axles	Type		P330	P336	
	Rated volume		up to 18 m³	up to 24 m³	
	GVW		26 - 33 t	33 - 40 t	
	Tailgate		G1, G4, G6	G10, G11	
4 axles	Type	P430	P436	P450	
	Rated volume	up to 17 m³	up to 22 m³	up to 28 m³	
	GVW	32 - 41 t	41 t	41 - 50 t	
	Tailgate	S2, S6	S1, S2, S4, S6	G10, G11	
5 axles	Type	P530	P536	P550	P560
	Rated volume	up to 17 m³	up to 20 m³	up to 28 m³	up to 30 m³
	GVW	32 - 41 t	41 t	65 t	70 t
	Tailgate	S6	S6	G10, G11	G10, G11
Side wall heights		1200-1500 mm	1200 - 2000 mm	1600 - 2000 mm	
Use		Light	Medium	Heavy	
Bulk material hardness	Normal bulk material	x	x	x	
	Hard quartz sands	(x)*	x	x	
	Hard sharp-edged bulk material	(x)*	(x)*	x	
Rock size	Small < 10 cm	x	x	x	
	Medium 25 - 50 cm	-	x	x	
	Large > 50 cm	-	-	x	

* possible with job-specific wall thickness combination

Light

Light tippers are weight-optimised due to a slim subframe and give high cost efficiency through an optimum payload ratio.

Medium

Medium tippers with a reinforced subframe are the solid vehicles for universal use with rugged durability.

Heavy

Extremely rugged Heavy tippers with many reinforced components are designed for harsh applications such as mining. Offroad, you can load up to 30 m³ and 60 t of heavy material. The special tailgates withstand high load pressures. Reinforced protection plates protect the vehicle units.

H Classic		Medium	Heavy
3 axles	Type	H330	H336
	Rated volume	up to 18 m ³	up to 24 m ³
	GVW	26 - 33 t	33 - 40 t
	Tailgate	G1, G4, S3	S3
4 axles	Type	H436	H450
	Rated volume	up to 22 m ³	up to 28 m ³
	GVW	41 t	41 - 50 t
	Tailgate	S1, S3, S4	S3
Side wall heights		1200-2000 mm	1600-2000 mm
Use		Medium	Heavy
Bulk material hardness	Normal bulk material	x	x
	Hard quartz sands	x	x
	Hard sharp-edged bulk material	(x)*	x
Rock size	Small < 10 cm	x	x
	Medium 25 - 50 cm	x	x
	Large > 50 cm	(x)*	x

* possible with job-specific wall thickness combination

TIPPER BODIES AND TAILGATES

DURABLE AND PRACTICAL

TIPPER BODIES

MEILLER tipper bodies are designed for a long lifetime: they are crack-resistant and low wear for the harshest applications. The weight-reduced construction is dirt-resistant and stable.

The bulbous shape protects against abrasive and impact wear. The reduced loading height makes filling easier and lowers the centre of gravity. This improves the driving and tipping characteristics.

TAILGATES

Choose your ideal solution from the different tailgate variants. Maximum flexibility is achieved with the switchable S4 or G4 tailgate with grip lock. Depending on the bulk material, the tailgate can be opened very conveniently at the press of a button hydraulically or swinging from the top.

TOP-HINGED OPENING TAILGATE

The hinged tailgate is low wear and opens as early as a tipping angle of 3°.

TAILGATE OPENS HYDRAULICALLY

The hydraulic tailgate opens fully before tipping starts, remains open during the tipping process and closes tight without a lock.

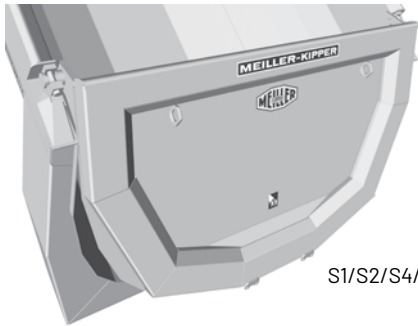
MECHANICALLY OPENING CHAIN FLAP

The mechanical chain flap opens during the tipping procedure and remains open during tipping. The chain flap closes automatically and seals during lowering.



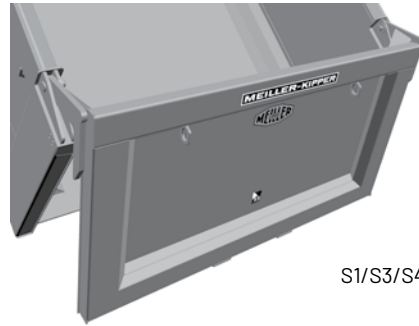
P Halfpipe

Top-hinged opening



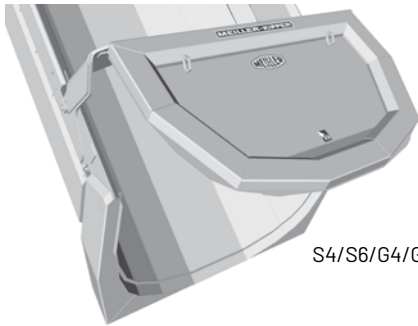
S1/S2/S4/G1/G4

H Classic

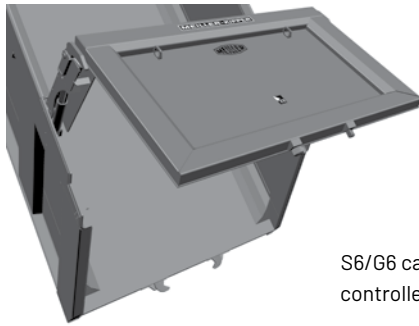


S1/S3/S4/G1/G4

Hydraulic opening

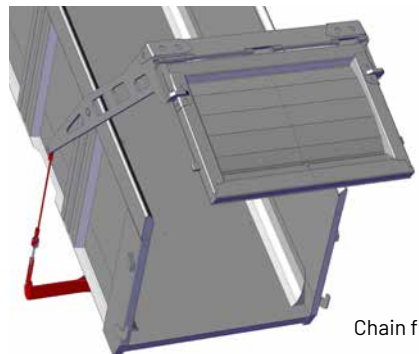


S4/S6/G4/G6/G10/G11



S6/G6 can also be controlled remotely

Mechanically opening



Chain flap

TAILGATE		OPENING				
		top-hinged	mechanical	hydraulic	selectively both	mech. divided hinged tailgate
tilted	external	S1 (tongs)	chain flap (without lock)	-	S4	S3
	internal	S2 (tongs)	-	S6 (without lock)	-	-
straight	external	G1 (tongs)	-	G10/G11 (with fixed hook)	-	-
	internal	-	-	G6 (without lock)	-	-

FEATURES FOR PRACTICAL USE

PRACTICAL SOLUTIONS FOR EVERYDAY USE IN RUGGED CONDITIONS

COST-EFFECTIVE

- Low maintenance requirements saves costs in spare parts and repairs.
- MEILLER product quality ensures good value retention and makes resales lucrative.
- Reliable MEILLER after-sales service and high spare parts availability minimise down times.



Optimum corrosion protection due to cathodic dip primer-coating and additionally top-coated steel components.

SAFE

- High lifting capacity reserves
- Types of cab protection
- Underrun protection
- Side underrun protection
- Side protection plates
- Manual pump for emergencies



Rear underrun protection



Spare wheel holder

TIPPING STABILITY IN EVERY POSITION

A 30% higher torsional strength is provided by the scissor tipping stabiliser with optimised trapezoidal cross-section. Together with the newly designed tipper body guide, this results in considerably higher tipping stability.



Safety during the tipping process

PRACTICAL ACCESSORIES

- Tool boxes: plastic or stainless steel
- Mudguard: plastic, aluminium or steel
- Spare wheel holder with or without lifting winch
- Tipper body heater
- Lamps: working lights, MEILLER marker lights at the side



MEILLER mudguards

MEILLER TARPAULIN SYSTEMS

Cover your transported material: save fuel and protect your load. Benefit from an integrated solution from a single source. Choose from a wide range of colours. Retrofitting is easy.



ACCESS STEPS

- Access steps: recessed into the tipper body
- Access ladder with ergonomic quick lock (UVV-compliant)



Quickly folded out: climb up the side using the access ladder.

HEAT INSULATION

INTEGRATED SOLUTION WITH MAXIMUM EASE OF OPERATION

Ensure consistently high temperatures when delivering asphalt to the road finishers. MEILLER heat insulation prevents the mixed material from cooling down. You have full control: the temperature measuring system shows real-time current values, with a GPS telematics system as an option.



MEILLER maintains constantly high temperatures of asphalt mixes during transport.



MEILLER HEAT INSULATION – INSULATES RELIABLY

MEILLER uses sturdy water-repellent insulation material (80 mm) together with double-plated stainless steel panelling. This is fitted to side walls, front walls, floor and tailgates. MEILLER heat insulation breathes: this ensures that condensed water dries off as it builds up. A MEILLER thermal tarpaulin covers the superstructure to insulate it from above. The electric version can be operated with the radio remote control. The spare wheel holder and access steps can be mounted on the front wall without any restriction.

SIMPLE MAINTENANCE

Simply replace the insulation panel by panel if there is any damage. This lowers repair costs and is quick to carry out. The sensor system is easy to reach via a dedicated access.

MEILLER MANUFACTURER CERTIFICATE AS PER DIN 70001

This means you can rely on compliance with legal regulations for improving the asphalt paving quality. MEILLER carries out the verification calculation in cooperation with the Forschungsinstitut für Wärmeschutz (FIW), (i.e. 'Research Institute for Thermal Insulation').

QUALITY AT MEILLER

RELIABLE, DURABLE AND EXTREMELY
RESILIENT – FOR OVER 175 YEARS.



DEVELOPMENT QUALITY

We provide maximum quality with durable, customer-oriented solutions through tests, customer integration and continuous inspections.



PRODUCT QUALITY

Our products offer maximum quality with a CDC coating, wet primer and cavity sealing.



QUALITY HYDRAULICS

With high-quality materials, cylinders and wear-resistant components, our hydraulic systems offer minimum maintenance and maximum efficiency.



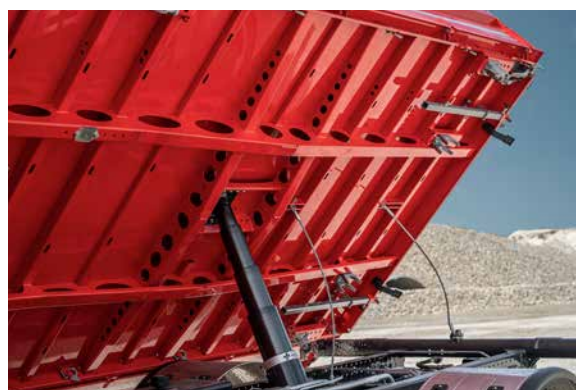
SERVICE QUALITY

Our service team minimises downtimes through rapid support, mobile factory customer service and efficient logistics.

STEEL FOR PERFECT TIPPERS



Optimum steel mix guarantees a high payload and maximum stability



OPTIMUM STEEL MIX

The STEELECT® quality seal stands for optimum use of a variety of branded steels to maximise the resistance to wear and bearing capacity of MEILLER tippers. MEILLER selects the best steel for each component to suit the function and application.

STEELECT® quality steels reduce abrasive wear, thus minimising repairs and ensuring a long service life. A lighter structure is enabled, with maximum stability being simultaneously guaranteed. This enhances the payload and leads to efficient operation, including a high resale value.

Designation	Steel type	Hardness	Yield strength	Min. tensile strength
STEELECT® 128	Structural steel	128 HBW	355 N/mm ²	430 N/mm ²
STEELECT® 220	Structural steel	220 HBW	500 N/mm ²	500 N/mm ²
STEELECT® 240	Structural steel	240 HBW	650 N/mm ²	700 N/mm ²
STEELECT® 400	Extremely wear-resistant fine-grain steel (wear resistant steel)	400 HBW	1.000 N/mm ²	1.250 N/mm ²
STEELECT® 450	Extremely wear-resistant fine-grain steel (wear resistant steel)	450 HBW	1.200 N/mm ²	1.350 N/mm ²
STEELECT® 500	Extremely wear-resistant fine-grain steel (wear resistant steel)	500 HBW	1.300 N/mm ²	1.600 N/mm ²

All values are approximates.

MEILLER TIPPER

ECONOMIC. RELIABLE. INNOVATIVE.

COMPANY

MEILLER stands for durable, practical and technically sophisticated tipper superstructures that can be adapted to individual requirements with a wide range of options.

MEILLER employees work every day to make the products safer to use, practical and convenient to deploy in practice.

MEILLER relies on state-of-the-art manufacturing processes throughout the entire process chain and continuously optimises product development in order to always keep one step ahead of increasing quality standards.

Steel components, hydraulic systems and control technology come from a single source at MEILLER – the unique compatibility of the components speaks for the efficiency of the MEILLER products and their long lifetime.

EVERY MEILLER EMPLOYEE
IS A GUARANTEE FOR THE HIGH QUALITY OF ALL MEILLER PRODUCTS.





SUSTAINABLE INTO THE FUTURE

Certified environmental management in accordance with DIN 14001:2015 and EMAS demonstrates that MEILLER is committed to the responsible and efficient use of resources.





You don't want to miss anything?
Subscribe to our newsletter!

F.X. MEILLER Fahrzeug- und Maschinenfabrik GmbH & Co KG
Ambossstraße 4 | 80997 Munich | Germany
T +49 89 1487-0 | info@meiller.com | meiller.com

1610_En-721-0924

Subject to technical modifications and errors.
Illustrations may show special equipment.