

# 3-axle 3-way tipper semitrailer - building site



## Product benefits

- Stable and torsionally rigid chassis construction with additional torsion tubes for 3-way tipping
- Conical, trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption
- Hollow profile side walls with manual central locking (operated separately for each wall)
- Foldable underride protection for road-finishing use
- Foldable lashing rings
- Full-steel welded construction with fine-grained special steel floor panels, 5 mm
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Spare wheel bracket with swivel boom and winch on front wall
- OPTIONAL: Electropneumatic side wall pendulum locking
- OPTIONAL: Standing platform at front wall comprising aluminium safety grid and guardrail
- OPTIONAL: Plastic roller tarpaulin incl. aluminium tube and hand crank
- OPTIONAL: Dosing unit for hinged rear wall with towing pin

## Product details

### TYPE DESIGNATION

3-AXLE 3-WAY TIPPER SEMITRAILER - BUILDING SITE

For handling bulk materials such as sand, gravel, rubble, ground excavation etc. on building sites

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### DIMENSIONS

Internal length: approx. 7,150 mm

Internal width: approx. 2,420 mm

Total width: 2,550 mm

Loading height, unladen: approx. 330 mm over fifth-wheel coupling

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### FRAME

Naxtra welded steel frame construction

Connector lock for tipper body with cross-over protection

Replaceable 2" kingpin

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### CHASSIS

Air suspension with autom. lowering device via inductive switch and lowering lock via rotary switch on semitrailer

air suspension unit with low-maintenance 430 mm disc brake axles , off-road version,  
3 x 9 t rigid, wheelbase 2 x 1,310 mm

Autom. lifting front axle = raised or lowered according to weight, as well as forced lowering incl.  
integr. speed-restricted moving-off aid with button operation in cab (no button installation on our part)

Tyres :

6 x 385/65 R 22.5 160J, manufacturer as per factory specifications

6 steel wheel rims 11.75 x 22.5, 10-hole, without rim offset , silver

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### SUPPORT FIXTURES

2 steel support legs, height-adjustable (only detachable when unladen)

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## **BRAKE SYSTEM**

Brake system according to EC Directive 71/320 or EC E R13

Two-line brake

Spring-loaded parking brake on 2 axles

EBS - electronic brake system

Wabco 2S2M = one axle sensed

RSS - stability program

Steel air tank

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## **TIPPING SYSTEM**

1 tipper cylinder for 3-way tipping, approx. 50 t initial lifting force

1 arrester cable

1 pipe system with screw coupling DN20

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## **TIPPER BODY**

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## **ROLLER TARPAULIN**

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## **ELECTRICAL EQUIPMENT**

24 V lighting system according to EC Directive 76/756/E WG

2 seven-chamber tail lights

LED side marker lights

2 clearance lamps

2 contour lights

2 x 7-pin / 1 x 15-pin socket

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## **PAINTWORK**

Blasted with steel granulate, treated with zinc dust primer and spray painted 2-component acrylic paints for commercial vehicles (standard RAL or truck colour)

Plastic and hot-dip galvanised parts unpainted,  
powder-coated attachments/installation parts black

Reflective contour marking strips across entire length of sides and all-round contour marking at rear (white on sides and red at rear by default), according to ECE 48

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## CONTOUR MARKINGS

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## ACCESSOIRES

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## ATTACHMENTS

Wheel chock(s) as per regulations

Noise dampers

Single wheel plastic mudguards with spray protection as per regulations

Foldable aluminium trapezoidal underride protection, unpainted

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## WEIGHTS

Gross train weight (perm.): 40 t

Gross weight (techn.): 39 t

Axle assembly load (techn.): 27 t

Fifth-wheel load (techn.): 12 t

Payload: approx. 27 t

Tare weight: approx. 6.6 t

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## TIPPING LOADING RAMP

Full-steel welded construction with fine-grained special steel floor panels, 5 mm  
(slight floor unevenness possible due to weld distortion)

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## SIDE WALLS

Fixed steel plate front wall, 3 mm, approx. 1,360 mm high with excavator protection, lashing eyes, ladder and retaining brackets

2-part aluminium hollow profile side walls, 60/40 mm, approx. 1,200 mm high, hinged with manual central locking (operated separately for each wall), foldable when empty = upper self-aligning bearings with screw retention

Steel plate rear wall, 4 mm, approx. 1,300 mm high,

hinged with raised bearing and autom. pneumatic locking,  
1 handle

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## **POSTS/COVER**

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## **ACCESSORIES**

Rear markings as per ECE standards

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## **STEERING**

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## **POSTS**

2 fixed centre posts in side wall height  
2 fixed rear corner posts, raised, with welded discharge chute  
(ground clearance when tipped: approx. 550 mm)

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## **SIDE WALLS/POSTS**

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## **LANDING GEAR**

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## **AXLES**

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## **WHEELS**

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## **BRAKES**

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## **HYDRAULICS**

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**TARPAULIN**

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**LIGHTING/ELECTRICAL EQUIPMENT**

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**LABELLING**

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**DRAWGEAR**

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**HARDOX TIPPER BODY**

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**ROLL COVER**

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**THERMAL INSULATION: R-VALUE 1.65 MÂ²K/W (AT 20Â°C)**

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**TOWING DEVICE**

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**TIPPING TROUGH**

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## Product impressions



OPTIONAL: Spare wheel bracket with swivel boom and winch on front wall



Steel sheet rear wall, hinged with raised bearing and autom. pneumatic lock





Stable and torsionally rigid chassis design with additional torsion tubes for 3-way tipping



Conical trapezoidal profile side members in high-strength, lightweight design with small bottom panels for high dent resistance and shock absorption





Fixed steel sheet front wall with lashing eyes, ladder and retaining brackets



Manual central locking to open the side walls using a lever and central locking shaft



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Foldable underride protection for road-finishing use

