

# 2-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
- Full-steel welded construction with fine-grained special steel floor panels, 5 mm
- Hollow profile side walls with manual central locking (operated separately for each wall)
- Foldable underride protection for road-finishing use
- Foldable lashing rings
- Installation of axles from well-known manufacturers such as SAF, BPW or JOST
- 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

2-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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### WEIGHTS

Gross train weight (perm.): 40 t

Gross weight (techn.): 36 t

Axle assembly load (techn.): 18 t

Payload: approx. 25 - 26 t

Fifth-wheel load (techn.): 18 t

Tare weight: approx. 5.8 t

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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,  
2 x 9 t rigid, wheelbase 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 :

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

4 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 both 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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## **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 man. 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**

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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## **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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## **ACCESSORIES**

Rear markings as per ECE standards

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## **ATTACHMENTS**

Wheel chock(s) as per regulations  
Noise dampers  
Single wheel plastic mudguards with spray protection as per regulations  
Aluminium trapezoidal underride protection, foldable, unpainted

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## Product impressions



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Conical trapezoidal profile side members in high-strength, lightweight design with small bottom



panels for high dent resistance and shock absorption



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



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



Foldable underride protection for road-finishing use



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



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



