

# 3-axle large-scale aluminium hollow profile tipper semitrailer for (un)loading and tipping to the left or rear



## Product benefits

- Flexible transportation thanks to loading, unloading and tipping to the left or rear
- Stable and torsionally rigid chassis construction with additional torsion tubes
- Maximum stability thanks to automatic lowering device
- Hard chrome-plated, high-quality front tilt cylinder
- High-quality, hollow profile aluminium body, for high impact and wear protection
- 2-part side walls incl. removable centre post for maximum loading width
- Standing platform at front wall for operating optional roller tarpaulin
- Combined rear wall - single-leaf, fully opening rear door, hinged with autom. pneumatic locking
- Foldable, trapezoidal aluminium underride protection, for practical filling of screw conveyors etc.
- Grain feeder in rear wall with dosing lever and water guard plate
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Plastic roller tarpaulin incl. aluminium tube and hand crank

## Product details

### Type designation:

3-AXLE LARGE-SCALE ALUMINIUM TIPPER SEMITRAILER

Special version with left-sided and rearward loading/unloading and tipping - for easily sliding bulk goods

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### Dimensions:

Tipper body internal dimensions: approx. 10,500/2,450/1,945 mm = approx. 50 m<sup>3</sup> load volume - or 26 pallet spaces

Total width: 2,550 mm

Total height, unladen: approx. 3,550 mm

for/over fifth-wheel height of 1,200 mm and 100 mm roof pitch

Loading height, unladen: approx. 320 mm over fifth-wheel coupling

For air-sprung 2-axle tractor

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### Frame:

Naxtra welded steel frame construction - low body height

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

Additional raising and lowering

Air suspension unit with 430 mm disc brakes

3 x 9 t, rigid, wheelbase 2 x 1,310 mm

Autom. lifting front axle = raised or lowered according to weight (loading or total height increases by approx. 50 mm) and with forced lowering incl. integrated speed-restricted moving-off aid with button operation in cab

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, 120 mm rim offset, silver

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## Support fixtures:

Mech. 24 t support jacks with single-sided operation, low-maintenance

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## Brake system:

Brake system according to EC Directive 71/320 or ECE 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 central special tipper cylinder for side and rearward tipping,  
rearward tipping angle: approx. 45°

1-pipe system with plug-in coupling DN 20

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## Tipper body:

Aluminium corner body in pallet design = smooth inside and outside,  
side walls, on right in direction of travel, and rear wall made from 30/4/2 mm hollow profiles with  
upper stabilising frame and 3 central, removable or foldable tubular crosspieces = also act as  
tarpaulin support, approx. 100 mm inclination (before opening out the door leaves, the front and  
rear transverse supports must be removed), uniform support over front wall = fixed and  
removable over rear wall

Special configuration on left side with 2-part main or attachment walls

Main walls made from reinforced tipper hollow profile, 40/4/2 mm, approx. 1,200 mm high,  
foldable with extended swivel bolt locks and 1 row of flat bolt locks

Hinged with electropneumatic central locking - control switch etc. must  
already be installed in cab

Individually opening side walls with emergency switch on trailer

Spring lifting aids for main walls

2 tension chains with removable fasteners on both front and rear main wall plus diagonal tension  
chains and fasteners on centre posts

Attachment walls above, approx. 755 mm, openable as door leaves = mounted on corner posts  
with at least 3 hinges (before opening out the door leaves, the front and rear transverse supports  
must be removed), openable via press lock on centre posts

1 foldable and removable centre post on left in direction of travel, in attachment wall height  
Material-tight side wall assembly = each wall with labyrinth sealing system

8 mm floor panels throughout, with narrow cross ribs  
12 pairs of recessed lashing rings now moved slightly inward

5 mm front wall with reinforcements, without excavator protection

Combination front wall = fully opening 1-leaf door, mounted on right in direction of travel, hinged with autom. pneumatic locking incl. 1 central grain feeder with dosing lever and water guard plate, instead of double door

1 discharge funnel, approx. 300 mm long, incl. bracket on standing platform.

Front and rear walls vertical = pallet transport

Standing platform at front comprising aluminium safety grid with railing and step unit as well as step unit inside

3 removable stop brackets for roller tarpaulin on right

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### **Roller tarpaulin:**

Plastic tarpaulin, manufacturer as per our specifications,  
colour as per customer request

rolls up from left to right in direction of travel,  
incl. aluminium slat and hand crank,

Side wall overhang approx. 400 mm on right side in direction of travel,  
approx. 200 mm on left side, for main walls,

3 integrated aluminium tubes, 35 mm  $\bar{A}$ , resting on roof arches

4 tension belts on left incl. rubber pads as well as

turnbuckles on underside of body,

tarpaulin hooks at front for zig-zag lashing,

horizontal tarpaulin bracket rope fastening on right,

hooks at rear for zig-zag lashing at top of cross member

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### **Electrical equipment:**

24 V lighting system according to EC Directive 76/756/EWG

2 seven-chamber tail lights

LED side marker lights

2 clearance lamps

2 contour lights

2 x 7-pin and 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)

Unpainted - cleaned = complete body

(corrosion marks on untreated aluminium surfaces due to road salt cannot be excluded)

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

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### **Contour markings:**

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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### **Accessoires:**

Rear markings as per ECE standards

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### **Attachments:**

Wheel chock(s) as per regulations

Noise dampers = rubber pads

Foldable aluminium trapezoidal underride protection, unpainted

Single wheel plastic mudguards with spray protection as per regulations

1 spare wheel bracket for 1 spare wheel

Side impact protection

1 aluminium ladder, approx. 3 m long incl. bracket

1 integrated level gauge (to check horizontal position)

Operating rod for rear crossbeam incl. bracket

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## **Product impressions**



High-grade aluminium tipper made of hollow profiles, for ideal protection against impacts and wear



3-axle large-scale aluminium hollow profile tipper semitrailer for (un)loading and tipping to the left and rear in the direction of travel





Can be used for various types of transport with (un)loading and tipping to the left or rear



Combined rear wall incl. grain feeder and sliding step unit



Combined rear wall - single-leaf, fully opening door and hinged with autom. pneumatic lock



2-part side walls incl. removable centre column for maximum loading width



