3-axle aluminium segment tipper semitrailer

Product benefits

- 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
- Specially canted aluminium body for maximum impact and wear protection
- Standing platform at front wall for operating roller tarpaulin
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Body sizes available for different load volumes
- OPTIONAL: Continuous steel wear floor, with bolted steel frame
- OPTIONAL: QuickSilver lining with stainless steel frame and steel wear plate on rear discharge chute - for bulk goods, sewage sludge etc.
(not suitable for asphalt and bitumen)

- OPTIONAL: External rear wall for higher load volume
- OPTIONAL: Roller cover - operated manually or via electric remote control
- OPTIONAL: Dosing unit for hinged rear wall with pull-out pipe stop

**Product details**

**TYPE DESIGNATION**

3-AXLE ALUMINIUM SEGMENT TIPPER SEMITRAILER
For sand, rubble, excavated earth and other bulk materials

**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. 28 - 29 t  
Tare weight: approx. 4.9 t

**DIMENSIONS**

Tipper body internal length: approx. 7,350 mm  
Tipper body internal width: approx. 2,330 mm  
Tipper body internal height: approx. 1,470 mm  
= load volume: approx. 24 m³  
Total width: 2,550 mm  
Loading height, unladen: approx. 250 mm over fifth-wheel coupling
FRAME

Naxtra welded steel frame construction in weight-optimised lightweight design
Replaceable 2" kingpin

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, 120 mm rim offset, silver

SUPPORT FIXTURES

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

BRAKE SYSTEM

Brake system according to EC Directive 71/320 or E CE R13
Two-line brake
Spring-loaded parking brake
EBS - electronic brake system
Wabco 2S2M = one axle sensed
RSS - stability program
Steel air tank

**TIPPING SYSTEM**

1 HP front press for rearward tipping, tipping angle approx. 45°
1 pipe system with screw coupling DN20

**TIPPER BODY**

Aluminium body in semi-circular segmental construction,
6 mm floor and wall thickness
6 mm aluminium wear floor in rear area, approx. 3,500 mm from end of discharge chute, raised over floor edge at sides, welded all-round
(The service life of the wear floor depends on the tipping frequency/material)
Angled front and rear walls, in side wall height (flush for roller tarpaulin)
Rear wall = hinged wall with recessed bearing and autom. mech. dual-hook central locking
Fixed discharge chute at rear = floor panels throughout (ground clearance when tipped: approx. 600 mm)

**ROLLER TARPALUIN**

Plastic roller tarpaulin incl. aluminium tube and hand crank, without customs sealing, 3 tension belts on left as well as turnbuckles on underside of body, horizontal tarpaulin bracket rope fastening, front and rear zig-zag lashing,
tarpaulin manufacturer as per factory specifications, tarpaulin colour according to availability
1 removable transverse support with stop bracket on right for roller tarpaulin
Retainer for rolled up tarpaulin on right in direction of travel
Bracket for hand crank on front wall

**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 and 1 x 15-pin socket

PAINTWORK

Blasted with steel granulate, treated with zinc dust primer and spray painted with 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

ACCESSORIES

Rear markings as per ECE standards

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
Steel standing platform with aluminium safety grid, with guardrail and step unit, on chassis frame
Product impressions

Stable and torsionally rigid chassis design with additional torsion tubes
Rear wall = hinged wall with recessed bearing and autom. mech. dual-hook central locking
OPTIONAL: Roller cover - operated manually or via electric remote control
OPTIONAL: External rear wall for higher load volume
Standing platform on the front wall for operating the roller tarpaulin
Aluminium wearing flooring in the rear area approximately 3,500 mm from the end of the bulk discharge chute
3-axle aluminium segment tipper semitrailer
OPTIONAL: Dosing unit for hinged rear wall with pull-out pipe stop