3-Axle Aluminium-Segment Tipper Semitrailer with thermal insulation

Product benefits

- protected temperature analysis unit for optimal temperature monitoring
- Mobile printer unit for logging the transport of bituminous mixtures
- High-quality, non-moisture-sensitive insulation across the whole body with solid clamping straps that are easy to repair
- Floating insulating panels to compensate for temperature-induced linear extension
- Stable, torsionally rigid Naxtra chassis design with additional torsion tubes for high tipping stability
- Shut-off valve for road-finishing use
- Installation of axles from well-known manufacturers such as SAF, BPW or JOST
- OPTIONAL: Body size 26.5 m³ with inner height of 1,640 mm (weight increase of approx. 90 kg)
- OPTIONAL: Continuous 3 mm steel wear floor, with welded aluminium frame (weight increase of approx. 460 kg)
- OPTIONAL: Aluminium wear floor in the rear area approximately 3,500 mm from the end of the bulk discharge chute (weight increase of approx. 160 kg)
- OPTIONAL: External rear wall for higher load volume
- OPTIONAL: Roller cover - operated manually or via electric remote control
- OPTIONAL: Pneumatic underride protection that can be raised

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Product details

TYPE DESIGNATION

3-AXLE ALUMINIUM SEGMENT TIPPER SEMITRAILER
WITH THERMAL INSULATION
For bituminous mixtures, 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. 5.3 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 mÂ³
Total width: 2,550 mm
Loading height, unladen: approx. 340 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, in 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 ECE 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 high-pressure front press for rearward tipping, tipping angle approx. 45Â°
1 pipe system with screw coupling DN20

TIPPER BODY

Aluminium tipper in semi-circular segmental construction,
6 mm floor and wall thickness
6 mm aluminium wear-resistant 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-resistant 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)

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

Complete body insulation approx. 50 mm thick at front, side and rear
1 mm aluminium cladding, sealed

5 x . "SchwarzmÃ¼ller" temperature sensors
Arrangement in accordance with legal requirements:
= as cited in Special Circular No. 4/2013 of 26 November 2013 issued by the DAV (German Asphalt Association)

Incl. measuring equipment with display and portable printer

Note :
Requirements for tractor unit:

STEADY PLUS ON PIN 9

ROLLER TARPAULIN

Plastic roller tarpaulin

900 G/MÂ² REINFORCED

incl. aluminium tube and hand crank, without customs sealing,
tarpaulin manufacturer as per factory specifications, tarpaulin colour according to availability
Retainer for rolled-up tarpaulin on right in direction of travel
Horizontal tarpaulin bracket rope fastening on right,
front and rear zig-zag lashing,
Three retaining brackets on left in direction of travel and central tensioner at front,
without tension belts (quick-release fastener on top belt)
1 removable transverse support with stop bracket on right for roller tarpaulin

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ELECTRICAL EQUIPMENT

24 V lighting system according to EC Directive 76/756/EEC
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 as standard), according to ECE 48

ACCESSORIES

Rear markings as per ECE standards

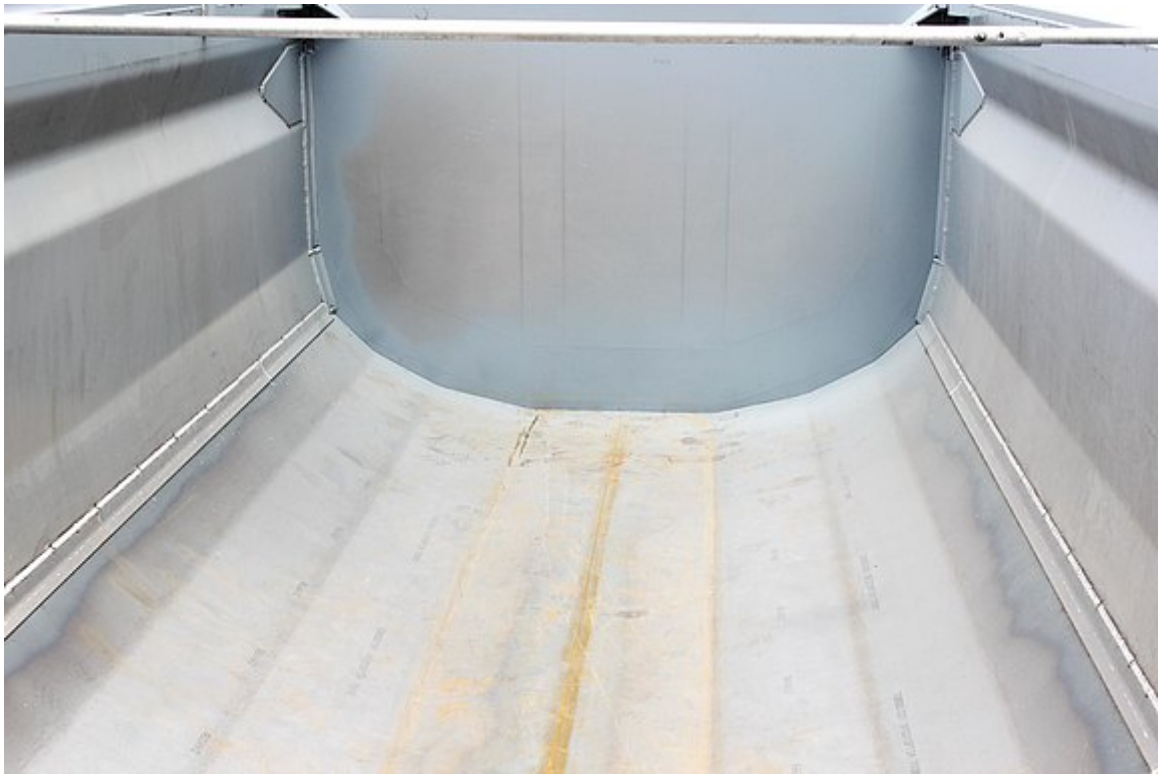
ATTACHMENTS

Wheel chock(s) as per regulations
Noise dampers = rubber pads
Foldable, trapezoidal aluminium 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

Insulated rear wall = hinged wall with recessed bearing and autom. mech. 2-hook central locking

Folding aluminium trapezoidal underride protection, can be folded up pneumatically as an option



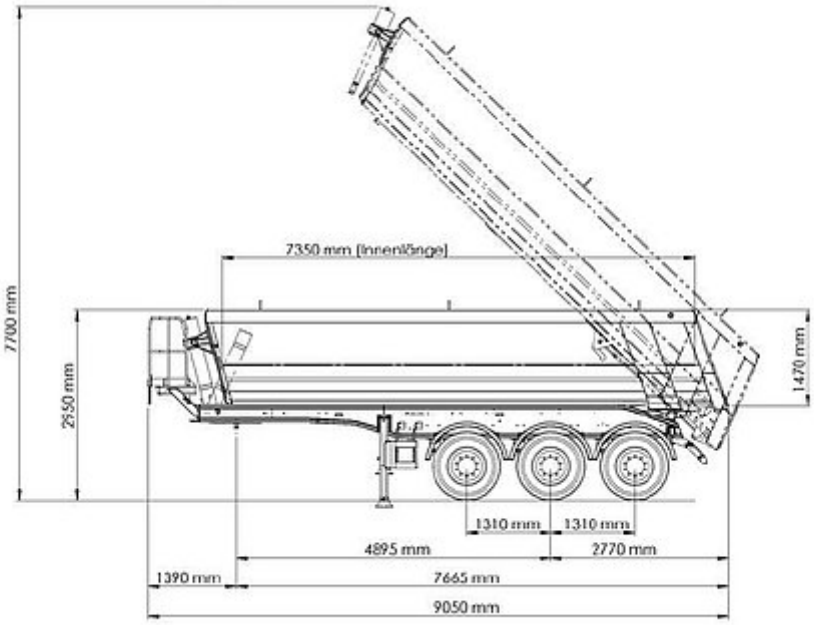
Continuous 3 mm steel wear floor, with welded aluminium frame

Stable, torsionally rigid Naxtra chassis design with additional torsion tubes for high tipping stability

Temperature analysis unit in a sturdy box

Insulated front wall with hard chrome-plated, high-grade front tilt cylinder

Mobile printer unit



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