

3-axle full aluminium hollow profile tipper semitrailer



Product benefits

- Stable and torsionally rigid aluminium chassis construction with additional torsion tubes for significant payload advantage
- Maximum stability thanks to automatic lowering device
- Hard chrome-plated, high-quality front tilt cylinder
- Optimum load distribution thanks to slanted front wall
- High-quality, hollow profile aluminium body, for high 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: Grain feeder with dosing lever and removable discharge funnel in hinged rear wall
- OPTIONAL: Body sizes available for different load volumes
- OPTIONAL: Bolted wear floor made of special steel plate, raised approx. 400 mm on both sides
- OPTIONAL: Body floor heating via truck exhaust system
- OPTIONAL: SmartBoard for reading data on vehicle display (mileage, axle assembly load, brake diagnostics etc.)

Product details

TYPE DESIGNATION

3-AXLE FULL ALUMINIUM HOLLOW PROFILE TIPPER SEMITRAILER
For sand, rubble, excavated earth, etc. in on-road deployment

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. 5.4 t

DIMENSIONS

Tipper body internal length: approx. 8,500 mm
Tipper body internal width: approx. 2,300 mm
Tipper body internal height: approx. 1,600 mm
= load volume: approx. 31 m³
Total width: 2,550 mm
Loading height, unladen: approx. 415 mm over fifth-wheel coupling

FRAME

Welded aluminium frame construction
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, 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, unpainted, silver

SUPPORT FIXTURES

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

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

Aluminium air tank

TIPPING SYSTEM

1 HP front press for rearward tipping, tipping angle approx. 47°

1 pipe system with screw coupling DN20

TIPPER BODY

Aluminium hollow profile body, smooth inside and outside - side and rear walls made from 50/4 mm hollow profiles, with upper stabilising frame,

5 mm front wall with reinforcements,

6 mm floor panels, 8 mm thickness over 2,000 mm length at rear

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

1 handle

Fixed discharge chute at rear (ground clearance when tipped: approx. 600 mm)

Aluminium standing platform with aluminium safety grid, with guardrail and step unit

ROLLER TARPAULIN

Plastic roller tarpaulin incl. aluminium tube and hand crank, without customs sealing, 3 tension belts on left incl. rubber pads, 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

unpainted - cleaned = complete chassis
unpainted - cleaned = complete body

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
Side impact protection

Product impressions



Standing platform on the front wall for operating the roller tarpaulin



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Stable and torsionally rigid aluminium chassis design with additional torsion tubes for considerable payload advantage



Rear wall = hinged wall with recessed bearing and autom. mech. dual-hook central locking



Optimum load distribution thanks to slanted front wall



Foldable aluminium trapezoidal underride protection



OPTIONAL: SmartBoard for reading data on vehicle display (mileage, axle assembly load, brake diagnostics etc.)



OPTIONAL: Grain feeder with dosing lever and removable discharge funnel in hinged rear wall

