

3-axle large-scale 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
- High-quality, hollow profile aluminium body, for high impact and wear protection
- Standing platform at front wall for operating roller tarpaulin
- Foldable, trapezoidal aluminium underride protection, for practical filling of screw conveyors etc.
- Grain feeder in wider door leaf with dosing lever and water guard plate
- Installation of axles from well-known manufacturers such as SAF, BPW or JOST
- OPTIONAL: Combined rear wall - fully opening, asymmetrical double door (approx. 1/3 + 2/3) with hinged frame and autom. locking
- OPTIONAL: Body sizes available for different load volumes
- OPTIONAL: Centrally divided double door with 2 espagnolettes and 1 grain feeder per leaf

Product details

TYPE DESIGNATION

3-AXLE LARGE-SCALE FULL ALUMINIUM HOLLOW PROFILE TIPPER SEMITRAILER
For easily sliding bulk goods, pallet and grain transport

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 t
Tare weight: approx. 5,8 t

DIMENSIONS

Tipper body internal length: approx. 10,000 mm
Tipper body internal width: approx. 2,460 mm
Tipper body internal height: approx. 2,000 mm
= load volume: approx. 49 m³
Total width: 2,550 mm
Total height, unladen: approx. 3,640 mm
Loading height, unladen: approx. 326 mm over fifth-wheel coupling

FRAME

Welded aluminium frame construction - low body height
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

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

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. 45°

1 pipe system with screw coupling DN20

TIPPER BODY

Aluminium corner body in pallet design = smooth inside and outside,
front and rear walls vertical

5 mm front wall with reinforcements, without excavator protection

Side and rear walls made from 30/3/2 mm hollow profiles with upper
stabilising frame and 3 central, removable or foldable

tubular crosspieces = also act as tarpaulin support, approx. 100 mm inclination, uniform fixed
support over front or rear wall = with pivoting upper crossbeam 8 mm floor panels throughout,
with narrow cross ribs

Rear wall = fully opening asymmetrical (approx. 1/3 + 2/3) double door
with 3 external espagnolettes and

1 grain feeder, approx. 400/400 mm, positioned at centre of semitrailer in wider door leaf incl.
dosing lever and water guard plate

Front and rear walls vertical = pallet transport

Without discharge chute

Aluminium standing platform at front with aluminium safety grid, with railing and steps

3 stop brackets for roller tarpaulin on right

ROLLER TARPAULIN

Plastic roller tarpaulin incl. aluminium slat and hand crank, without customs sealing, 4 tension belts on left incl. rubber pads, as well as turnbuckles on underside of body, front swivel bracket, horizontal tarpaulin bracket rope fastening on right, rear zig-zag lashing or swivel bracket on door stop bar

Tarpaulin manufacturer as per factory specifications, tarpaulin colour according to availability

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

Transporting chemically aggressive bulk goods is not permitted, as this may affect the material properties and the painted surface.

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

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

Product impressions



OPTIONAL: combined rear wall - fully opening asymmetrical (approx. 1/3 + 2/3) double door and with additional hinged frame and autom. locking



With hard chrome-plated, high-grade front tilt cylinder on the inclined front wall, also with standing platform for operating the roller tarpaulin



Foldable aluminium trapezoidal underride protection, for practical filling of screw conveyors etc.



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



Rear wall = fully opening double door - OPTIONAL: centrally divided with 2 espagnolettes and 1 grain feeder per leaf



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



OPTIONAL: Kombinierte-Rückwand - vollumschlagbare asymmetrische (ca. 1/3 + 2/3) Doppeltüre und zusätzlich mit Pendelrahmen samt autom. Verriegelung



OPTIONAL: a discharge funnel incl. bracket on chassis - suitable for grain feeder

