3-axle mega sliding tarpaulin platform semitrailer



Produktvorteile und Optionals

? Low corrosion, high-quality aluminium body components, tested according to EN 12642
? Perforated external frame (starting approx. 3,000 mm from front wall) with approx. 100 mm hole spacing, 40/25 mm slot according to DIN EN 12640 and 22 pairs of recessed 2.5 t lashing points
? Aluminium tarpaulin mounting strips on both sides of external frame
? Reinforced aluminium hollow profile front wall with integrated equipment bracket
? Bolted portal at rear with aluminium corner posts and fully opening double door in profile design
? Double floor consisting of subfloor with integrated aluminium omega profiles beneath resin-coated wear floor (stacker axle load: 7 t)
? Manually operated hydraulic lifting roof, 400 mm elevation for rapid loading and unloading
? Installation of axles from well-known manufacturers such as SAF or BPW
? OPTIONAL: Coil recess = useful length approx. 7,400 mm - design according to VDI 2700 for coil diameters between 900 and 2,100 mm
? OPTIONAL: Conical tarpaulin adjustment = adaptation of front internal height
? OPTIONAL: Certified according to DC Directive 9.5, certified for beverages and barrel goods
? OPTIONAL: Extendible portal columns (each by approx. 400 mm) for easier loading and unloading

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE LIGHTWEIGHT LARGE-SCALE SLIDING TARPAULIN PLATFORM SEMITRAILER RH40 For transporting lattice box pallets according to DIN 15155

WEIGHTS

Gross train weight (perm.): 40 t Gross weight (techn.): 39 t Axle assembly load (techn.): 27 t Fifth-wheel load (techn.): 12 t Tare weight: approx. 6. 8 t

DIMENSIONS

Internal platform length: approx. 13,620 mm Internal platform width: approx. 2,480 mm Total width: 2,550 mm Load space internal height: approx. 3,010 mm Lateral loading height below guide rail: approx. 2,855 mm Internal width between guide rails: approx. 2,490 mm Portal loading height: approx. 2,910 mm Portal loading width: approx. 2,480 mm Loading height: approx. 40 mm over fifth-wheel height

FRAME

Lightweight welded steel frame construction in special low design Frame with wheel housings over wheels Replaceable 2" kingpin (EC installation dimension, width across corners: 2,040 mm) Perforated external frame (starting approx. 3,000 mm from front wall) with approx. 100 mm hole spacing, 40/25 mm slot according to DIN EN 12640 and 22 pairs of recessed 2.5 t lashing points

CHASSIS

Air suspension with lifting and lowering device, approx. 250 mm (approx. +180/-70 mm) Automatic adjustment of driving level from 15 km/h air suspension unit with low-maintenance 370 mm disc brake axles 3 x 9 t rigid, wheelbase 2 x 1,310 mm

Tyres : 6 x 435/50 R 19.5 160J, Goodyear Fuelmax T 6 steel wheel rims 14.00 x 19.5, 10-hole, with rim offset, silver

SUPPORT FIXTURES

Mechan. 2 x 12 t special support jacks, single-sided operation and thrust compensation, manufacturer as per factory specifications

BRAKE SYSTEM

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

FLOOR

Up to approx. 4,300 mm length at front made from 30 mm resin-coated plywood, followed by 30 mm spruce planks to frame end Aluminium omega profiles in subfloor Secondary floor made from resin-coated birch plywood, 9 mm, flush with external frame

ELECTRICAL EQUIPMENT

24 V lighting system according to EC Directive 76/756/E WG 2 seven-chamber tail lights in underride protection LED side marker lights 2 clearance lamps 2 contour lights on underride protection 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 (horizontal on rear doors/rear wall)

ATTACHMENTS

Rear crash guard with portal post protection and lower post reinforcement Wheel chock(s) as per regulations 1 x retractable step unit at rear right 12 short plastic mudguards with spray protection according to Austrian regulations Aluminium tarpaulin mounting strips bolted on both sides of external frame Aluminium underride protection, coated white Side impact protection made from aluminium profiles as per regulations, coated black 1 spare wheel bracket for spare semitrailer wheel (on right after axle) 1 plastic toolbox, lockable, unpainted , on left after axle

SIDE WALLS/SLIDING TARPAULIN

Fixed aluminium hollow profile front wall, 2,550 mm, with 2 centre supports, 2 lashing rings inside for load securing Closed with tarpaulin over front wall, in same colour as side tarpaulin Front wall reinforced inside with galvanised steel plate, approx. 650 mm high Plastic sliding tarpaulins on both sides with load certification according to Code XL; welded horizontal and vertical strap reinforcements incl. turnbuckles as well as front and rear bolt locks, openable on all 4 corners, with ratchet tensioner at rear, tarpaulin sealed against external frame, tarpaulin manufacturer as per factory specifications, tarpaulin colour according to availability Aramid-reinforced plastic roof tarpaulin, translucent Bolted portal at rear with aluminium corner posts, upper crossbeam with forward-sliding cover, incl. fully opening double door in profile design covering entire load space height, each leaf equipped with 2 internal espagnolettes

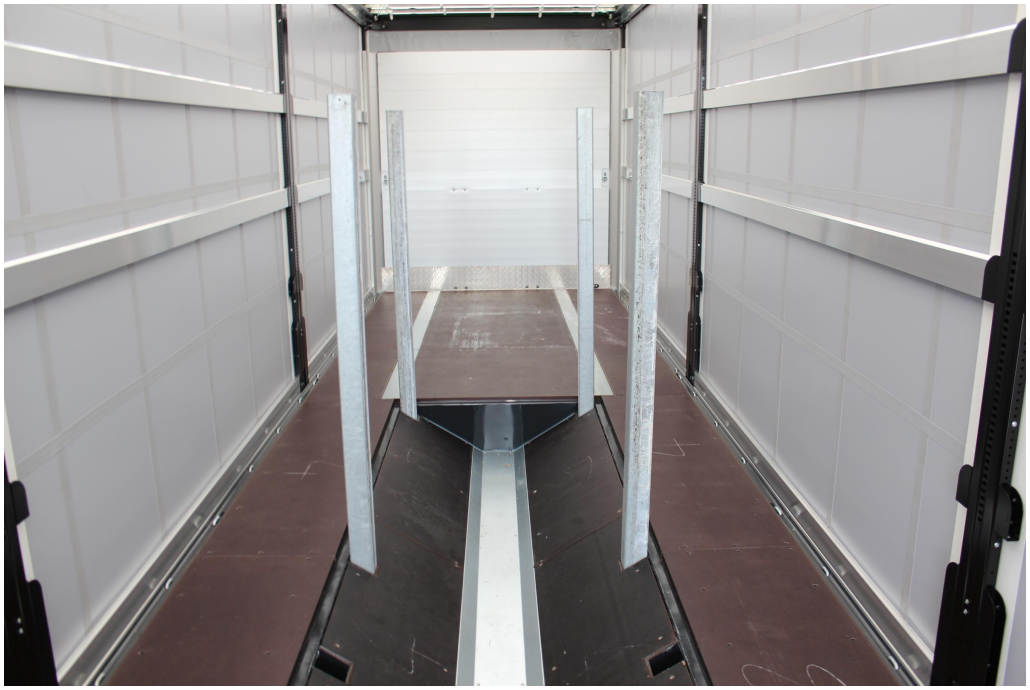
POSTS/COVER

2 fixed aluminium corner posts at front, bolted, protruding from sides 3 centre posts on left in direction of travel, movable across entire length, for lifting roof incl. Expander lifting aid 3 centre posts on right in direction of travel, movable across entire length, for lifting roof incl. Expander lifting aid 3 additional post pockets on both sides 4 rows of slat pockets, 1st pocket row at bottom 460 mm, spacing approx. 160/600/600 mm, with 4 rows of aluminium pointed slats 100/25 mm Manually operated hydraulic lifting roof, 400 mm elevation, with lever operation on corner posts, for loading and unloading (portal doors must be opened) Versus sliding cover with plastic brackets, forward-sliding with automatic elevation = pushed together in loading area, with vertical and horizontal guide rollers = smooth operation Aluminium pallet guide rail profile on both sides for sliding tarpaulins and posts, design height 195 mm Control rod for sliding tarpaulin (bracket on interior side protection)

Impressionen



Manually operated hydraulic lifting roof, 400 mm elevation for rapid loading and unloading

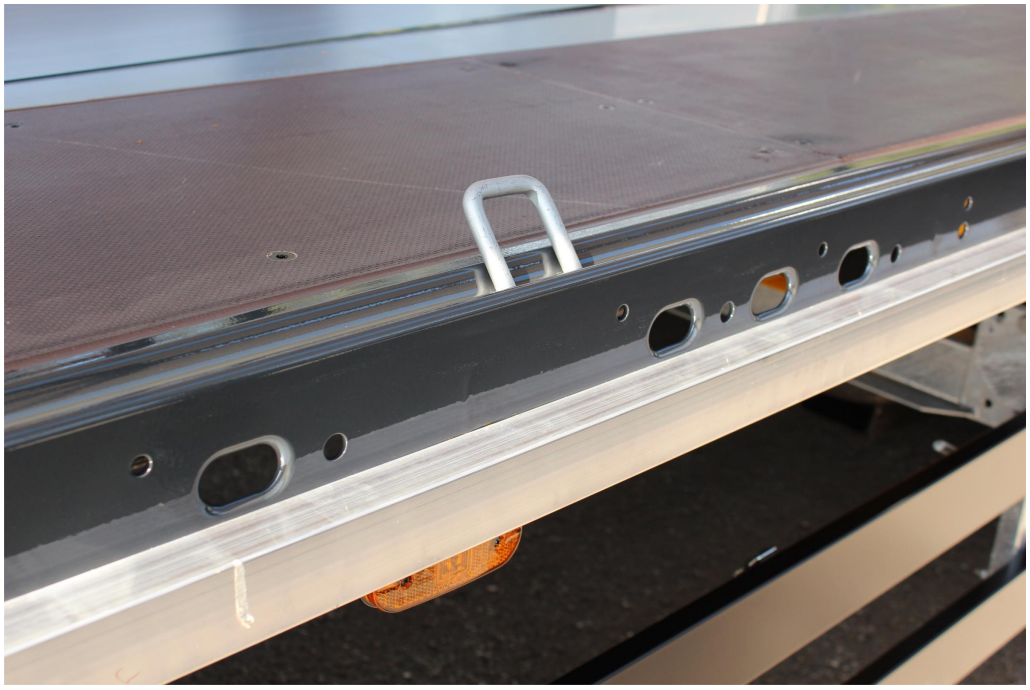


OPTIONAL: Coil recess = useful length approx. 7,400 mm - design according to VDI 2700 for coil diameters between

900 and 2,100 mm



Reinforced aluminium hollow profile front wall with integrated equipment bracket



Perforated external frame (starting approx. 3,000 mm from front wall) with approx. 100 mm hole spacing, 40/25 mm slot according to DIN EN 12640 and 22 pairs of recessed 2.5 t lashing points



Bolted portal at rear with aluminium corner posts and fully opening double door in profile design



Low corrosion, high-quality aluminium body components, tested according to EN 12642

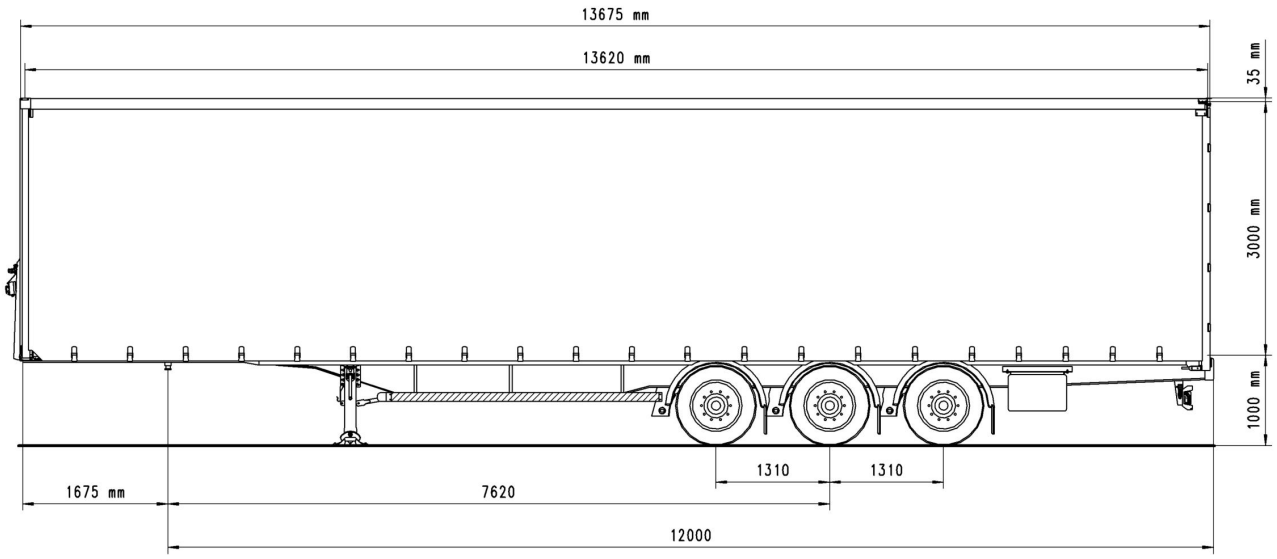


Double floor consisting of subfloor with integrated aluminium omega profiles beneath resin-coated wear floor

(stacker axle load: 7 t)



OPTIONAL: Extendible portal columns (each by approx. 400 mm) for easier loading and unloading


13675 mm
13620 mm
35 mm
3000 mm
1000 mm
1310
1310
1675 mm
7620
12000