3-axle large-scale sliding tarpaulin platform semitrailer – coil



Produktvorteile und Optionals

? Low corrosion, high-quality aluminium body components, tested according to EN 12642 XL
? Reinforced frame construction for coil transports of 27 t at centre of gravity across minimum 2,000 mm load length
? Coil recess with useful length of approx. 7,400 mm, with 5 pairs of integrated racks, for coil diameters up to 2,100 mm
? Stacker-bearing recess cover made from 27 mm resin-coated plywood with trussing
? 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 23 pairs of recessed 2.5 t lashing points/rings, and an additional 5 pairs of 4 t lashing points in the recess area on the external frame
? Internal height extendible by 60 mm via lifting roof, thus providing greater load height
? Manually operated hydraulic lifting roof, 400 mm elevation for loading and unloading
? Installation of axles from well-known manufacturers such as SAF or BPW
? OPTIONAL: Coil recess with useful length of approx. 8,400 mm
? OPTIONAL: Coil recess with longitudinal reinforcement braces for slit strips

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE LARGE-SCALE SLIDING TARPAULIN PLATFORM

SEMITRAILER RH80 - COIL

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. 6,9 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. 2,945 mm

Lateral loading height below guide rail: approx. 2,790 mm

Internal/total height adjustable by 60 mm = 2nd load space height

Internal width between guide rails: approx. 2,490 mm

Portal loading height: approx. 2,760 mm

Portal loading width: approx. 2,480 mm

Loading height: approx. 80 mm over fifth-wheel height

FRAME

Welded steel frame construction in special low design, reinforced for point loading = coil transport (27 t at centre of gravity across min. 2,000 mm length)

Frame for unladen fifth-wheel height of 960 - 1,050 mm with air-sprung STT

Replaceable 2" kingpin (EC installation dimension

width across corners: 2,040 mm)

Perforated external frame (starting approx. 3,000 mm from front wall) holes approx. 100 mm apart , 40/25 mm slot according to DIN EN 12640 and 21 pairs of recessed 2.5 t lashing points/rings, and an additional 5 pairs of 4 t lashing points in the recess area on the external frame

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 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

Steel air tank

FLOOR

27Â mm resin-coated panel floor, with flush external frame

2 steel top-hat profile rails above the cross members, in front of the coil-recess

(floor load capacity 5,460Â kg, stacker axle load acc. to CSC)

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

Single wheel plastic mudguards with spray protection as per 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 , at rear left

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. lower fastening straps with flat hooks and stainless steel 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

COIL RECESS

Useful length: approx. 7,400 mm - standard version according to VDI 2700 for coil diameters of 900 to max. 2,100 mm,

with stacker-bearing cover made from 27 mm resin-coated plywood with trussing

5 pairs of racks = 1 x at front, 1 x approx. 1,840 mm (before centre of gravity), 1 x 2,520 mm, 1 x 3,680 mm, 1 x 5,330 mm,

incl. 2 pairs of tubular safety steel supports, 80 x 8 0 x 5 mm, useful height: approx. 1,700 mm

Inclinations on both sides made from 24 mm resin-coated plywood

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

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

3 additional post pockets on both sides

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)

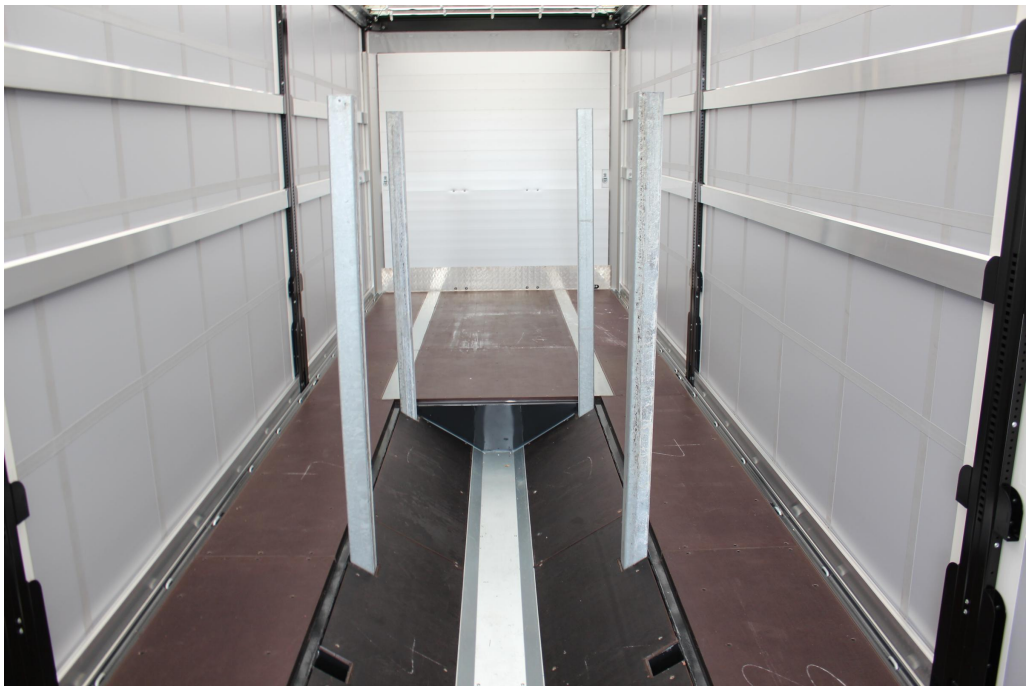
Impressionen



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



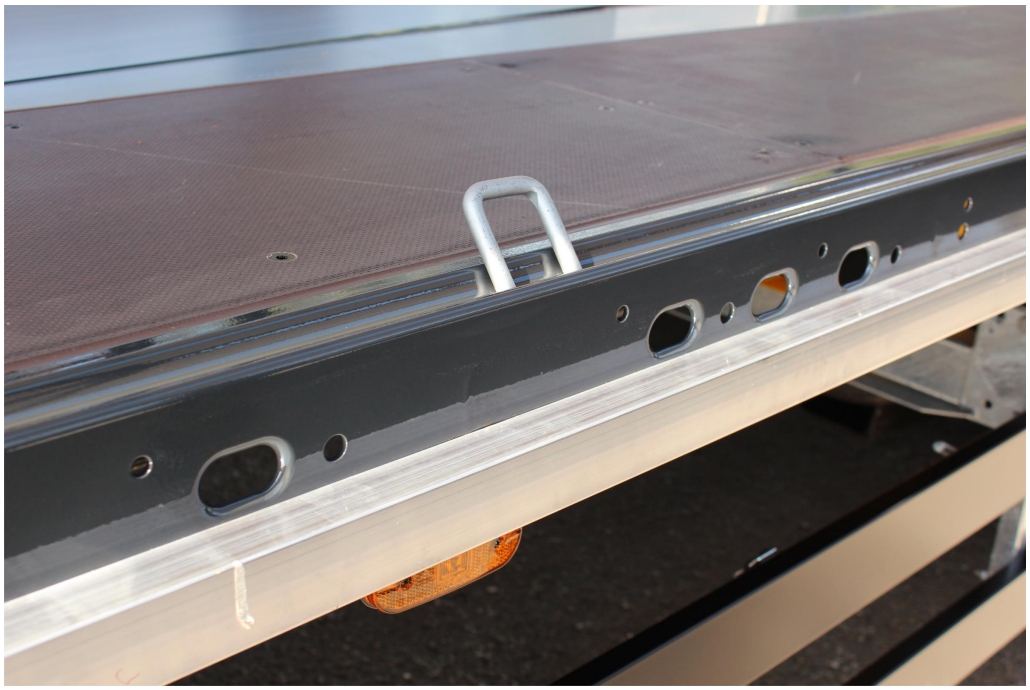
Reinforced frame construction for coil transports of 30 t at centre of gravity across minimum of 2,000 mm load length



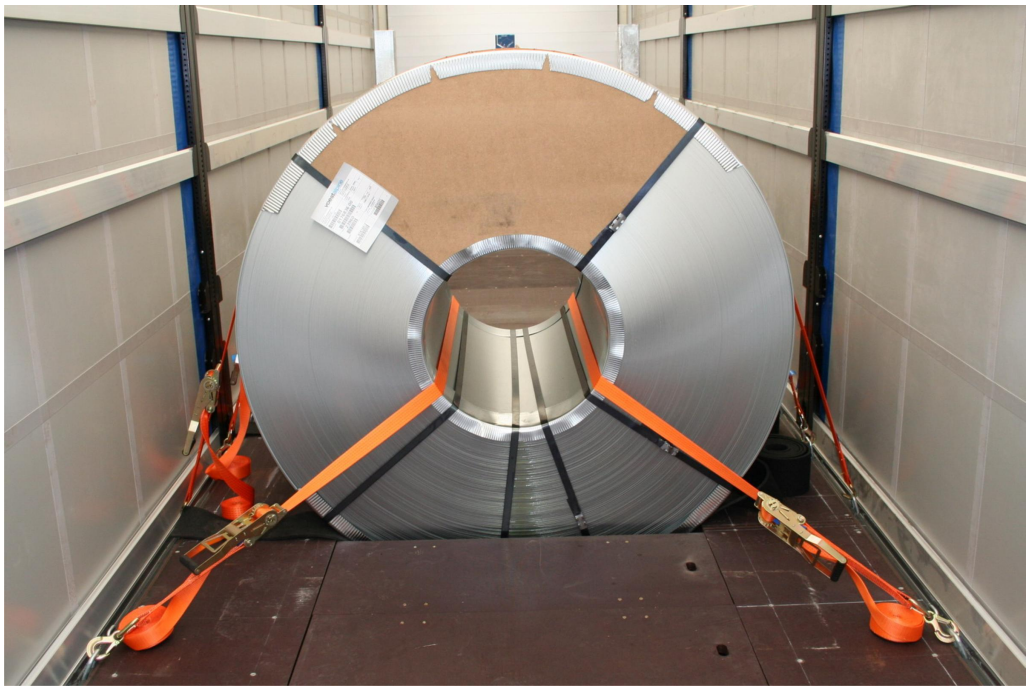
Coil recess with useful length of approx. 7,400 mm, with 5 pairs of integrated racks, for coil diameters up to 2,100 mm



Stacker-bearing recess cover made from 27 mm resin-coated plywood with trussing



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 23 pairs of recessed 2.5 t lashing points/rings, and an additional 5 pairs of 4 t lashing points in the recess area on the external frame



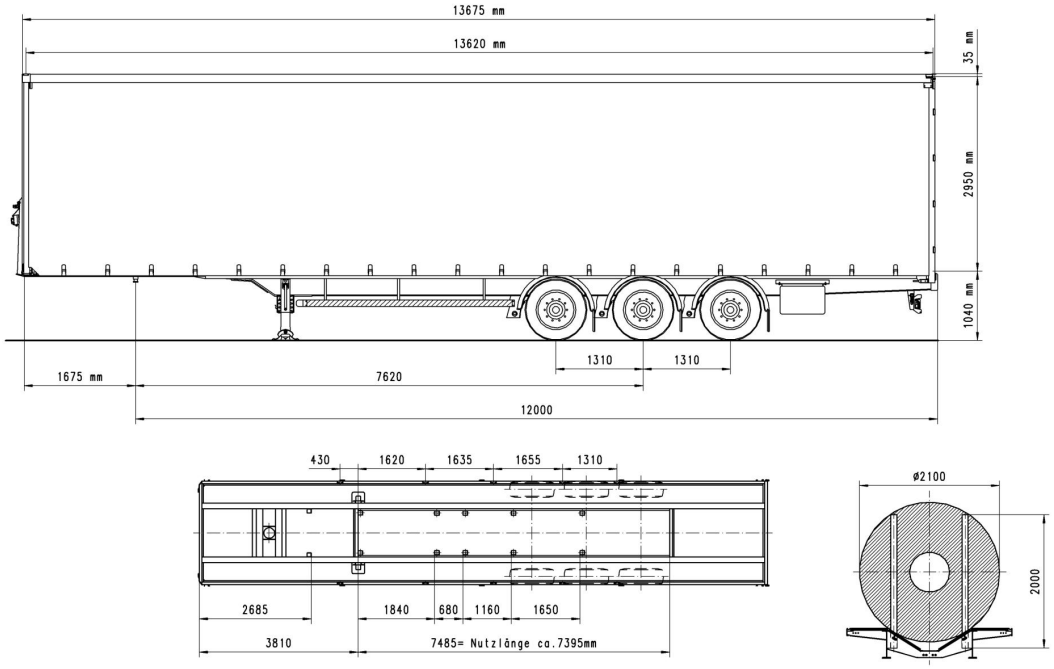
Loading example - coil transport



Double floor consisting of subfloor with integrated aluminium omega profiles beneath resin-coated wear floor or 27 mm resin-coated panel flooring behind



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


13675 mm
13620 mm
35 mm
2950 mm
1040 mm
1310
1310
1675 mm
7620
12000
430
1620
1635
1655
1310
2685
1840
680
1160
1650
3810
7485= Nutzlänge ca.7395mm
ø2100
2000