# 3-axle POWER LINE sliding tarpaulin platform semitrailer - coil




## Product benefits

- 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
- Lightweight construction with perforated side members made from special high-strength Naxtra steel
- 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 covers made from 27 mm resin-coated plywood with trussing
- Perforated external frame 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
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Frame reinforcements for 30 t at centre of gravity across 1,500 mm load length
- OPTIONAL: Coil recess with useful length of approx. 8,400 mm

- OPTIONAL: Coil recess with longitudinal reinforcement braces for slit strips
- OPTIONAL: Suitable for TIR customs sealing

# Product details

### TYPE DESIGNATION

3-AXLE POWER LINE SLIDING TARPAULIN PLATFORM SEMITRAILER RH1 5 0 - COIL

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### 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 t

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### 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. 2,720 mm

Lateral loading height below guide rail: approx. 2,620 mm

Internal width between guide rails: approx. 2,430 mm

Portal loading height: approx. 2,620 mm

Portal loading width: approx. 2,480 mm

Loading height: approx. 1 5 0 mm over fifth-wheel height

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### FRAME

Welded steel frame construction - lightweight 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 1,120 - 1, 19 0 mm with air-sprung STT

Replaceable 2" kingpin (EC installation dimension,

width across corners: 2,040 mm)

Perforated external frame with approx. 100 mm hole spacing, 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

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## CHASSIS

Air suspension with lifting and lowering device (approx. +120/-80 mm)

Automatic adjustment of driving level from 15 km/h

air suspension unit with low-maintenance 430 mm disc brake axles

3 x 9 t rigid, wheelbase 2 x 1,310 mm

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

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## SUPPORT FIXTURES

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

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## BRAKE SYSTEM

Brake system according to EC Directive 71/320 or E CE 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

Resin-coated plywood floor, 27 mm, flush with external frame

2 steel top-hat rails over the longitudinal beams, in front of the coil trough

(floor load capacity 5,460 kg stacker axle load according 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 1 spare wheel (rear right)

1 plastic toolbox, lockable, unpainted , on left after axle

## SIDE WALLS/SLIDING TARPAULIN

Fixed aluminium hollow profile front wall, 2,400 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

## 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 steel tubular safety supports, 8 0 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

3 centre posts on right in direction of travel, movable across entire length

4 rows of slat pockets, 1st pocket row at bottom 460 mm, spacing approx. 160/450/450 mm, with just 3 rows of aluminium pointed slats 100/25 mm

Versus sliding cover with plastic brackets, forward-sliding with automatic elevation, limited backward movement (opened from above) = pushed together in loading area, with vertical and horizontal guide rollers = smooth operation

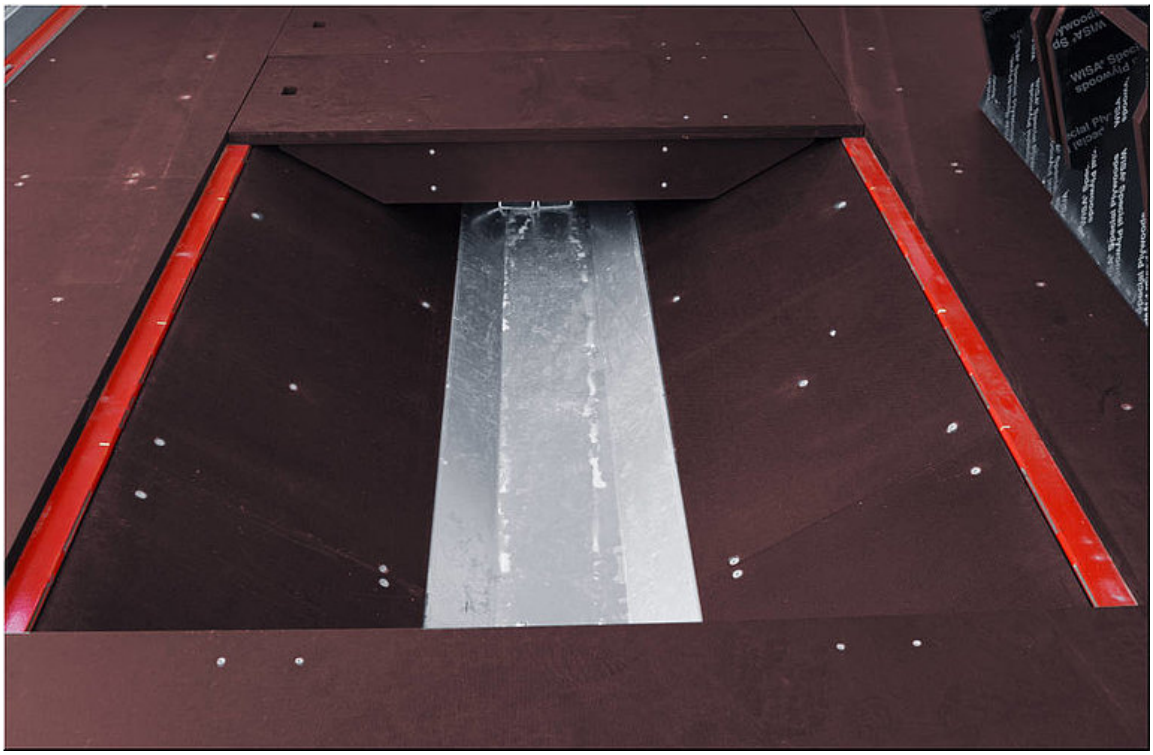
Aluminium guide rail profile on both sides for sliding tarpaulins and posts, design height 140 mm

Control rod for sliding tarpaulin (bracket on interior side protection)

# Product impressions



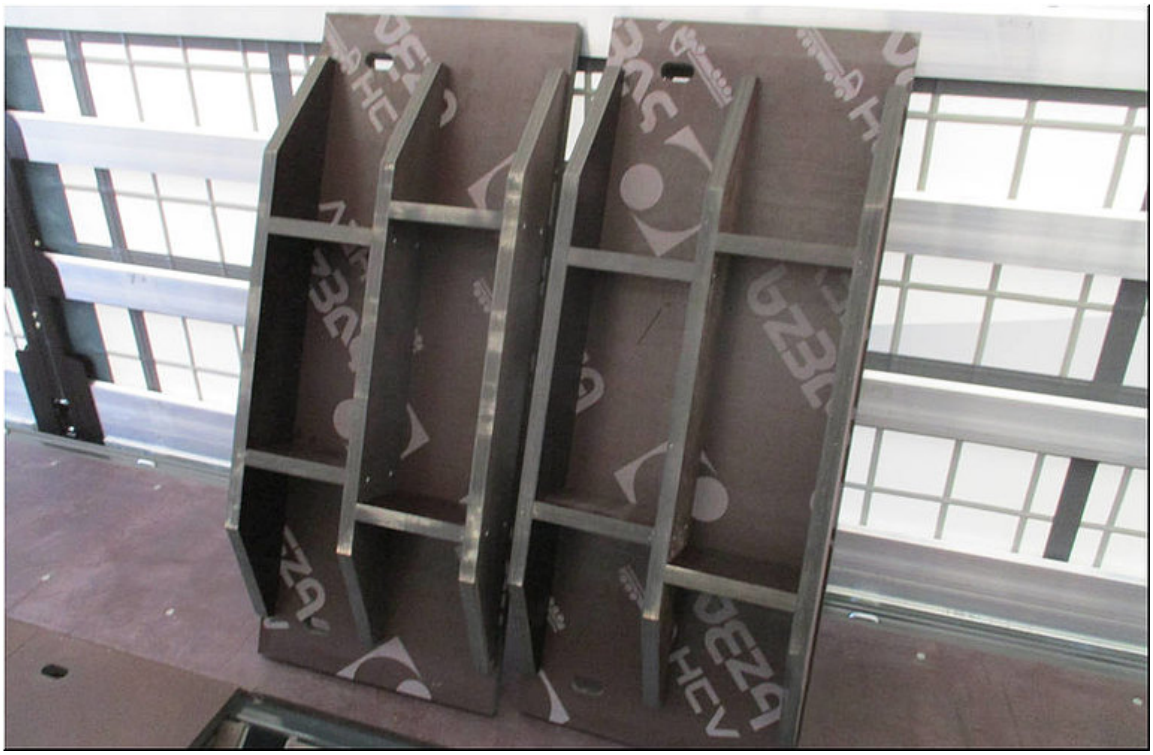

Low corrosion, high-quality aluminium body components, tested according to EN 12642 Code XL.



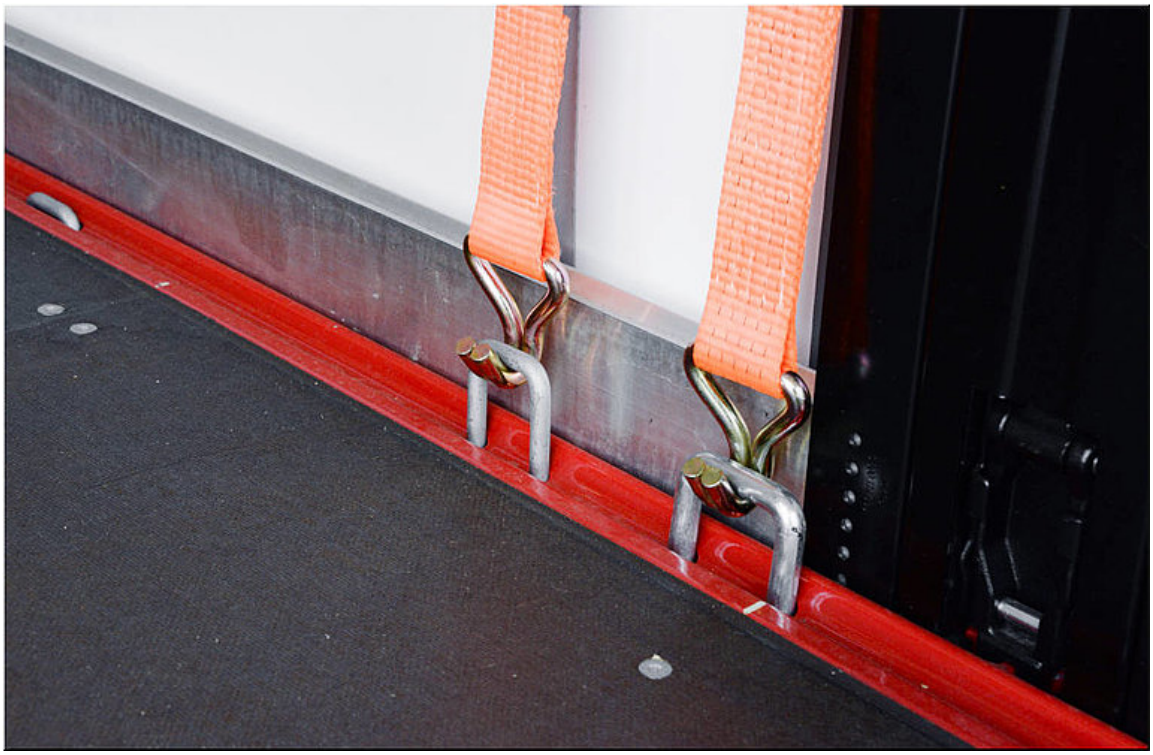
OPTIONAL: Coil trough: This trough set into the floor safely holds the steel coils in transit.



OPTIONAL: Upright frames of profiled steel tube for coil trough: These frames secure the coil in forward direction. They can be placed at various points to keep the coils at the centre of gravity at all times.



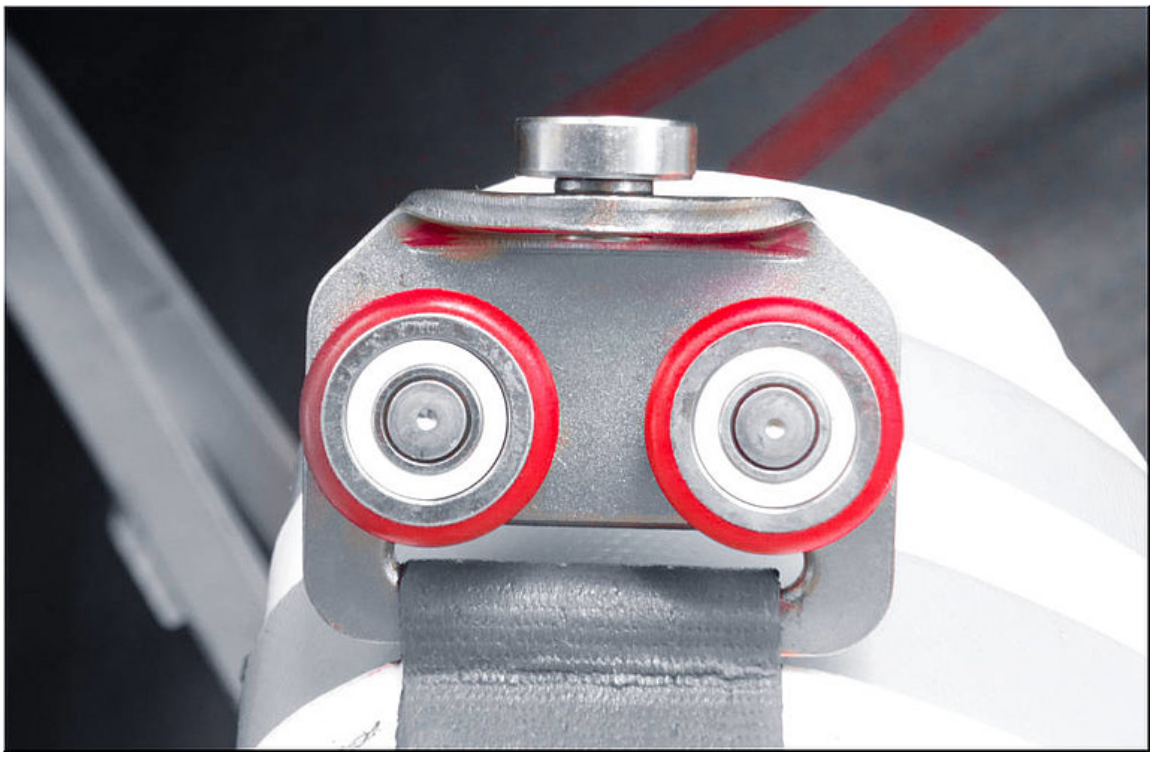
OPTIONAL: Coil trough cover panels: Used to cover the coil trough in general cargo use.



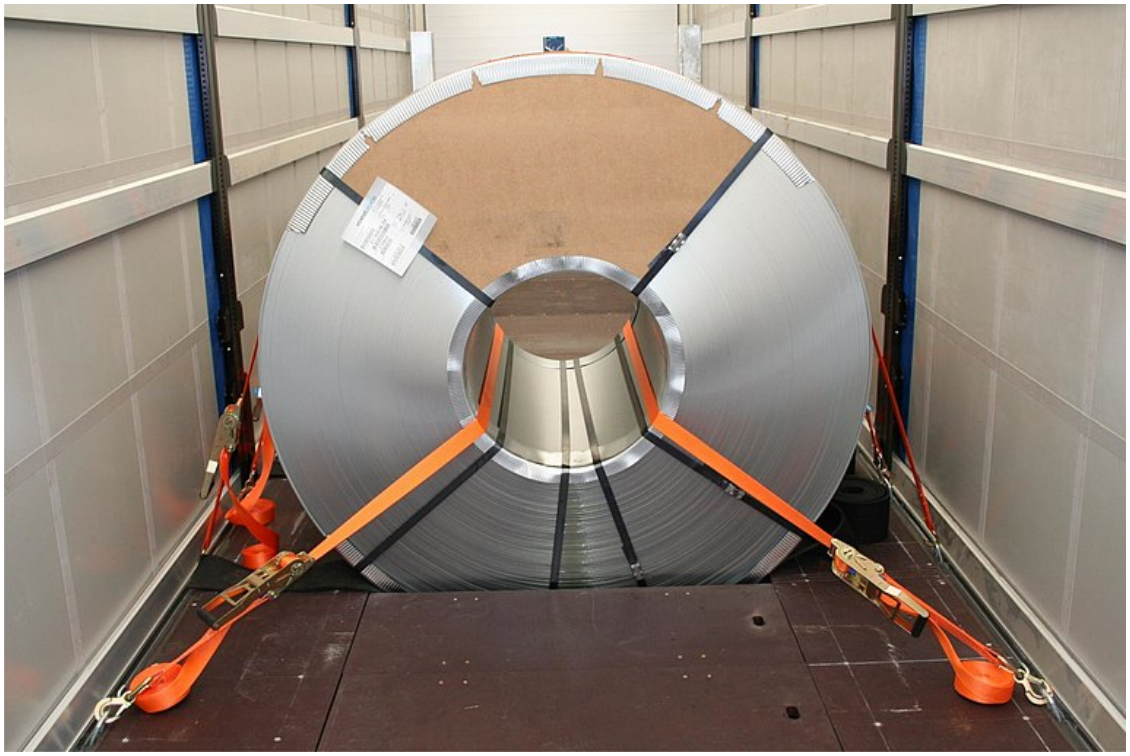
OPTIONAL: Lashing points on coil trough: Apart from the standard 2.5 t lashing points, there are also some extra 4 t points for securing the coil.



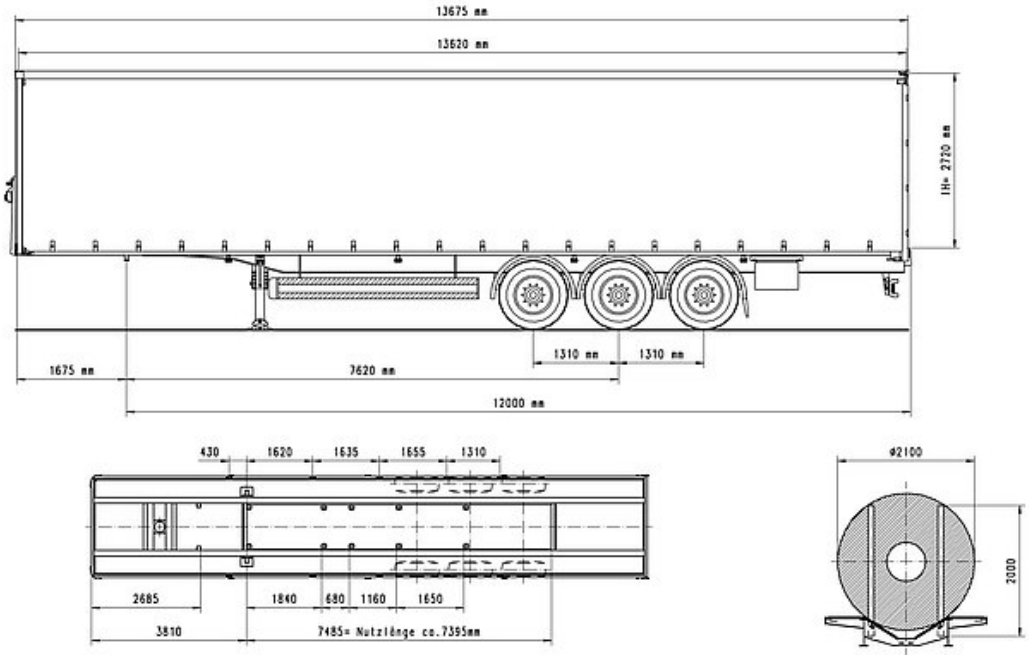

Versus cover: Equipped with special omega profiles to prevent damage and to compensate for elongations along the top.



Trike Roller: For suspending the side tarpaulin. One horizontal and two vertical guide rollers make handling the tarpaulin easier.



Loading example - coil transport


13675 mm
13620 mm
1H= 2720 mm
1310 mm
1310 mm
1675 mm
7620 mm
12000 mm
430
1620
1635
1655
1310
2685
1840
680
1160
1650
3810
7485= Nutzlänge ca.7395mm
ø2100
2000