

3-axle ultralight platform semitrailer - coil



Product benefits

- 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 cover made from 27 mm resin-coated plywood with trussing
- External frame with 23 pairs of recessed 2.5 t lashing points and additional 5 pairs of 4 t lashing points in recess area
- 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: Anodised aluminium stacker protection strips on both sides of external frame
- OPTIONAL: Sealed pallet box for 32 Euro pallets, with partition and door on both sides

Product details

TYPE DESIGNATION

3-AXLE ULTRALIGHT PLATFORM SEMITRAILER RH1 5 0 - 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 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, 69 0 mm
Lateral loading height: approx. 2,6 3 0 mm
Rear loading height: approx. 2, 69 0 mm
Loading height: approx. 1 5 0 mm over fifth-wheel height

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
Replaceable 2" kingpin (EC installation dimension, width across corners: 2,040 mm)
2 1 pairs of recessed 2.5 t lashing points according to UVV, plus
5 pairs of 4 t lashing points in recess area on external frame

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

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 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)

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, 80 x 80 x 5 mm, useful height: approx. 1,700 mm

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

SIDE WALLS

Fixed aluminium hollow profile front wall, 2,000 mm, with 2 centre supports, 2 lashing rings inside for load securing

Front wall reinforced inside with galvanised steel plate, approx. 650 mm high

4-part aluminium hollow profile side walls 600/25 mm with rubber seal and bracket recess for tarpaulin overhang (360 mm), customs-compliant with tarpaulin brackets, foldable with latch-type tension locks 681-S1

Foldable aluminium hollow profile rear wall, 600 mm high, with rubber seal and bracket recess, customs-compliant with tarpaulin brackets, with latch-type tension locks 681-S1

Folding step

POSTS/COVER/TARPAULIN

2 front corner posts, bolted, protruding from sides, 2,300 mm high

6 foldable centre posts, split

2 rear corner posts, bolted to sides, 2,300 mm high

5 rows of softwood slot-in slats, 100/27 mm, in pockets, spacing: 1 x 400 mm, then 200 mm

1 slat at front

Edscha sliding tarpaulin frame, forward-sliding = pushed together in loading area, design height 95 mm

Edscha control rod, adjustable (bracket on interior side protection)

Tarpaulin made from high-strength Trevira fabric with translucent roof, incl. tarpaulin rope and assembly, 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 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 corner post protection

Wheel chock(s) as per regulations

Single wheel plastic mudguards with spray protection as per regulations

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

Product impressions



3-axle lightweight platform semitrailer - coil



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



External frame with 23 pairs of recessed 2.5 t lashing points and an additional 5 pairs of 4 t lashing points in the recess area



Loading example - coil transport



27 mm resin-coated panel flooring, flush with external frame



OPTIONAL: Anodised aluminium stacker protection strip, on both sides of the external frame

