

3-axle ultralight sliding tarpaulin platform semitrailer - paper rolls



Product benefits

- Low corrosion, high-quality aluminium body components, tested according to EN 12642 XL
- Lightweight construction with perforated side members made from special high-strength Naxtra steel
- 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
- 4 galvanised combination pallet roller tracks, with integrated row of holes on both sides - for handling vertical paper rolls and accommodating load securing wedges
- Wedge box on front wall with space for wedges, pallet rollers, lashing straps and non-slip mats
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: Special load securing certificate for recovered paper bales, cardboard pulp, vertical paper rolls = "old/new paper semitrailer"
- OPTIONAL: Plastic inserts for combination pallet roller tracks
- OPTIONAL: Steel load securing wedges for transporting paper rolls
- OPTIONAL: Conical tarpaulin adjustment = adaptation of front internal height

Product details

TYPE DESIGNATION

3-AXLE LIGHTWEIGHT SLIDING TARPAULIN PLATFORM SEMITRAILER -
PAPER ROLLS RH1 60

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. 5.9 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. 2,720 mm
Lateral loading height below guide rail: approx. 2,620 mm
Internal width between guide rails: approx. 2,430 mm
Portal loading height: approx. 2,720 mm
Portal loading width: approx. 2,480 mm
Loading height: approx. 160 mm over fifth-wheel height

FRAME

Welded steel frame construction - lightweight design
Frame for unladen fifth-wheel height of 1,100 - 1,170 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 23 pairs of recessed 2.5 t lashing points

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 ECE 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

27Å mm resin-coated panel floor, alongside longitudinal beams

12Å mm resin-coated surface, rear 300Å mm made from aluminium button plate 7/9 mm, flush with external frame (floor load capacity 7Å t, stacker axle load according to CSC)

4 galvanised combination pallet roller tracks, with integrated row of holes on both sides, secondary floor bolted flush to cross members, with bolted stop at rear and lower plastic lining, for loading and unloading vertical paper rolls via pallet rollers and accommodating load securing wedges

Aluminium U-profile inserts, each approx. 2,300 mm long

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 cover plate over front wall, coated black

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
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)

ELECTRICAL EQUIPMENT

24 V lighting system according to EC Directive 76/756/EWG
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)
2 perforated aluminium plates (adapters) for variable wedge positioning, e.g. between rails

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
Aluminium box for chocks on the front wall with stowage for up to 24 load securing chocks, pallet roller, tension belts, anti-slip mats, etc., with access from the cargo bay and fold-up aluminium cover plate on the inside
Side impact protection made from aluminium profiles as per regulations, coated black
1 plastic toolbox, lockable, unpainted, on right after axle
1 spare wheel holder for 1 spare wheel (rear right)

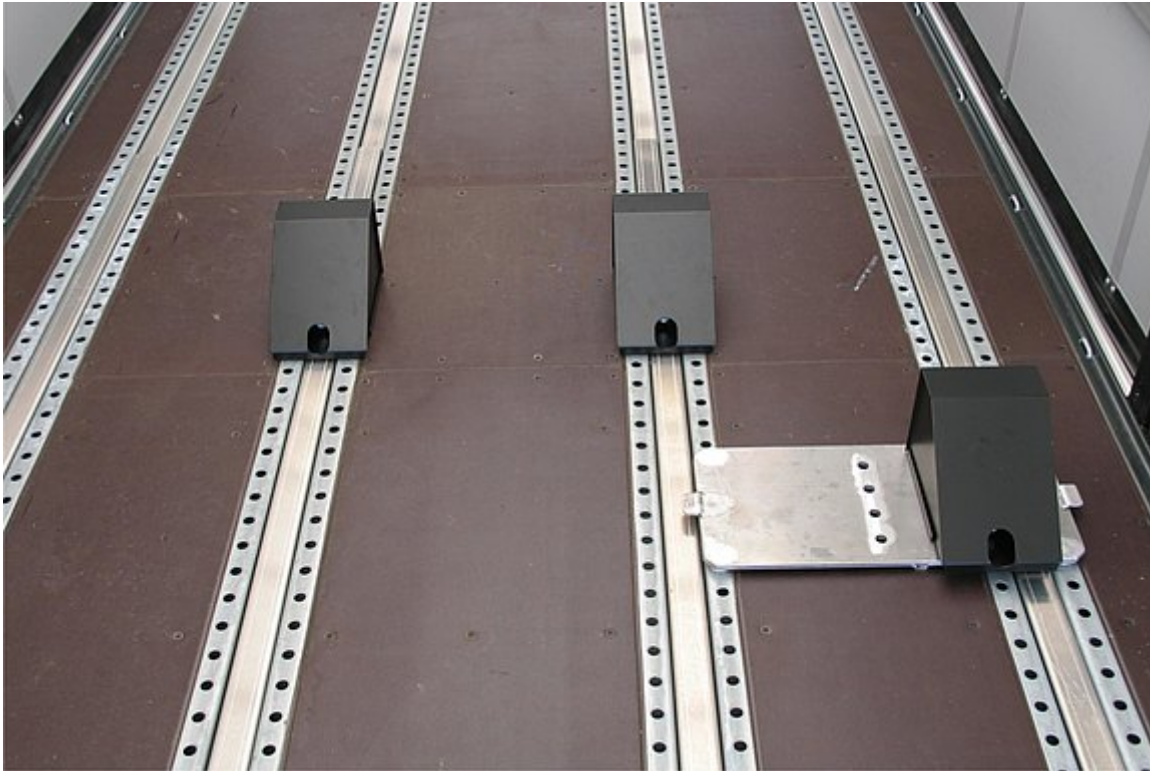
Product impressions



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



27-mm resin-coated panel floor, alongside side members and with 12-mm resin-coated surface on top, rear 300 mm made from aluminium button sheet 7/9 mm, flush with external frame (7 t stacker axle load according to CSC)



OPTIONAL: Steel load securing wedges to transport paper rolls, incl. adapter panels



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Wedge box on front wall with space for wedges, pallet rollers, lashing straps and non-slip mats



OPTIONAL: Special load securing certificate for recovered paper bales, cardboard pulp, vertical paper rolls =



Transport of upright paper rolls

