3-axle POWER LINE sliding tarpaulin platform semitrailer – paper rolls



Produktvorteile und Optionals

? 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

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE POWER LINE 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. 1 60 mm over fifth-wheel height

FRAME

Welded steel frame construction - lightweight design

Frame for unladen fifth-wheel height of 1,1 0 0 - 1, 17 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 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

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

12Â mm resin-coated surface, rear 300Â mm made from aluminium button plate 7/9 mm, flush with external frame (floor load capacity 7Â 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

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)

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)

Impressionen



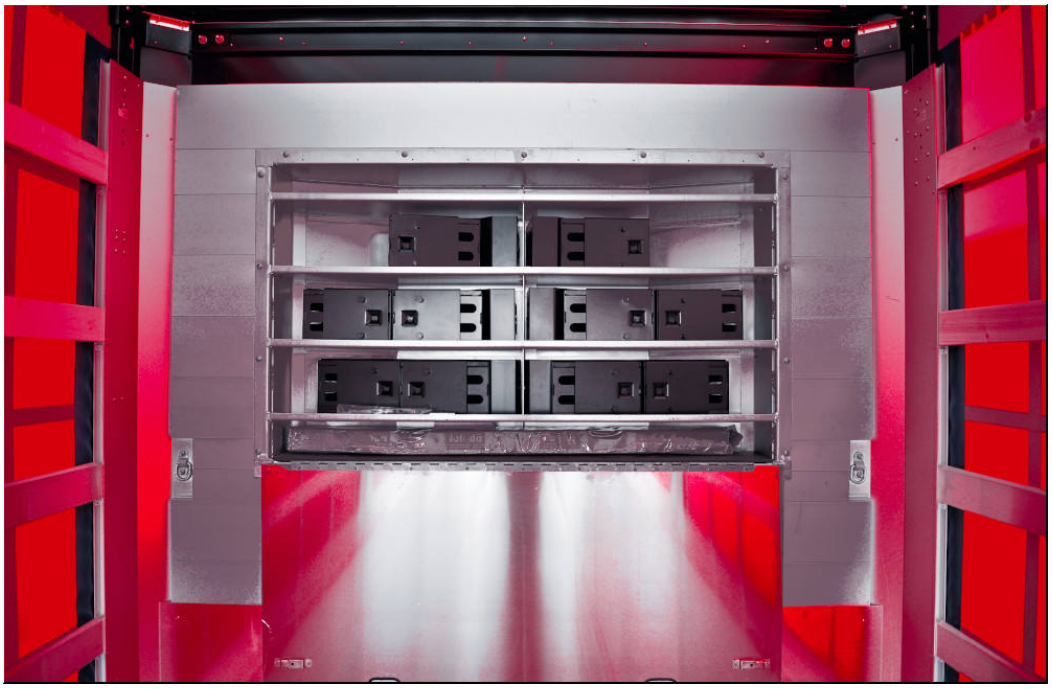
Underride protection: Prevents other vehicles from underriding the rear trailer end in conformity with new EU regulations coming into force in 2021 (higher test loads).



Lightweight frame: Finite element method calculations and road tests confirm its stability.

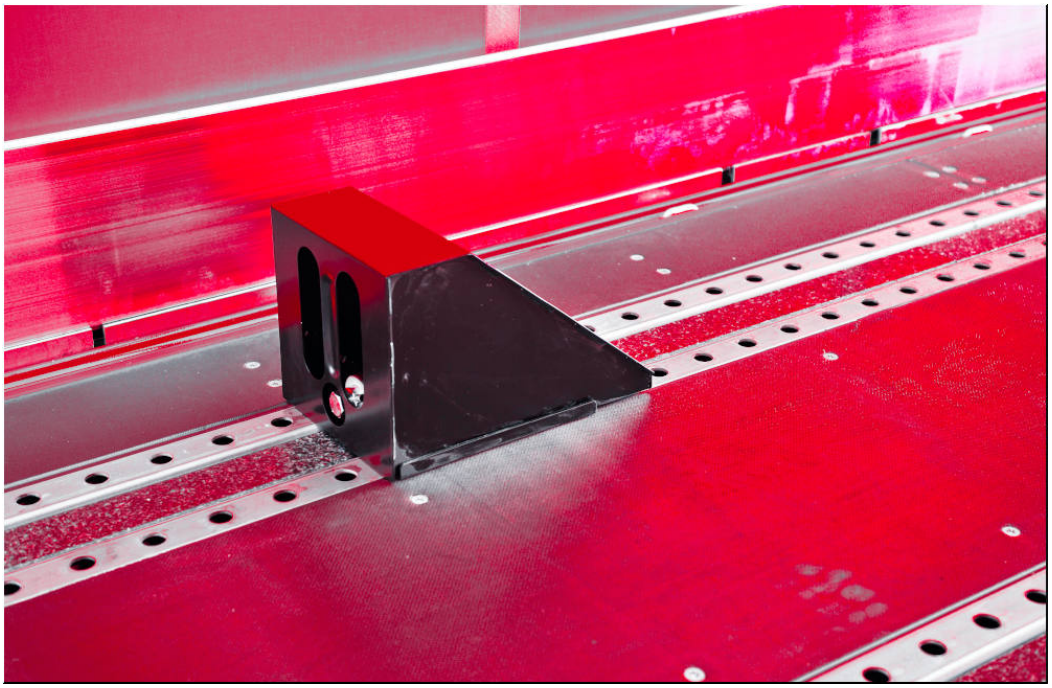


OPTIONAL: Inserts for Joloda rails: In general cargo use, the rails are covered or filled with plastic profile inserts.



OPTIONAL: Wedge box (paper): The wedges for securing paper rolls in transit are kept in a box in the front wall.

Drivers have access to the box directly from the loading platform.



OPTIONAL: Load-securing wedges and Jolodarollers: Wedges with a spindle mechanism ensure that paper rolls are safely stored in transit. Use Joloda rollers for easily loading or unloading paper rolls.



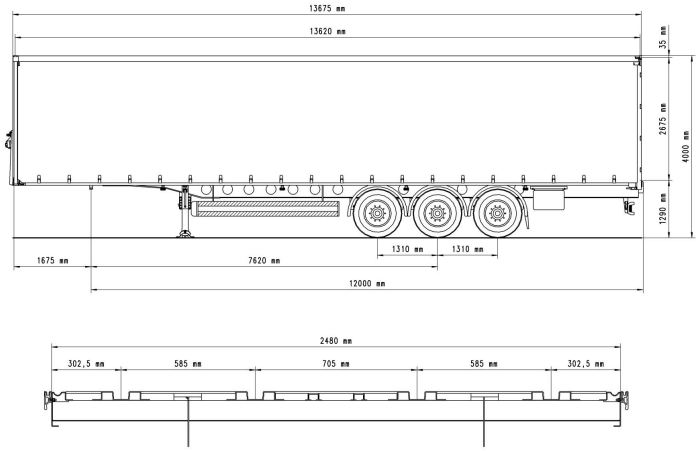
Force-controlled resin-coated floor: 28 mm + 12 mm (stacker axle load: up to 8,000 kg).



Tarpaulin hooking rack: Vertically attaches the side tarpaulin to the outer frame. Ensures a perfect connection without the tensioners standing aslant.



Side impact protection: Statutory cyclist protection to prevent persons from falling down in front of the wheels.


13675 mm
13620 mm
35 mm
2675 mm
4000 mm
1290 mm
1310 mm
1310 mm
1675 mm
7620 mm
12000 mm
2480 mm
302,5 mm
585 mm
705 mm
585 mm
302,5 mm