3-axle jumbo sliding tarpaulin platform semitrailer



Produktvorteile und Optionals

? Low corrosion, high-quality aluminium body components, tested according to EN 12642 XL
? External frame with 23 pairs of recessed 2.5 t lashing points
? Double floor consisting of subfloor with integrated steel omega profiles beneath resin-coated wear floor (stacker axle load: 7 t)
? Additional protection in the form of aluminium combination bumper strip, bolted on both sides, with integrated tarpaulin mounting and pole fixation
? Useful internal height on drop deck up to 3,100 mm
? Installation of axles from well-known manufacturers such as SAF or BPW
? OPTIONAL: Strengthened version with high point load reinforcement for transporting precast parts and construction vehicles
? OPTIONAL: Manually operated hydraulic lifting roof, 400 mm elevation for rapid loading and unloading
? OPTIONAL: Variable load securing via bolt-on lashing systems (airline lashing rail, perforated combination impact protection)
? OPTIONAL: Version with sliding tarpaulin + side walls
? OPTIONAL: RULASI = post-based load securing system with various rack positions
? OPTIONAL: Extendible portal columns (each by approx. 400 mm) for easier loading and unloading

Fahrzeugdetails

TYPE DESIGNATION

3-AXLE JUMBO SLIDING TARPAULIN PLATFORM SEMITRAILER RH160

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. 7 t

DIMENSIONS

Internal platform length: approx. 13,620 mm

(platform length, front: approx. 4,000 mm, rear: approx. 9,620 mm)

Internal platform width: approx. 2,480 mm

Total width: 2,550 mm

Load space internal height: approx. 2,6 5 0 mm, on drop deck:

approx. 3,0 9 0 mm

Lateral loading height: approx. 2,550 mm, on drop deck:

approx. 2,9 9 0 mm

Rear loading height: approx. 2,9 9 0 mm

Portal loading width: approx. 2,480 mm

Loading height, unladen, over centre of unit: approx. 9 2 0 mm or

approx. 160 mm over fifth-wheel height at front

FRAME

Welded steel frame construction

Sheet metal cover over wheels

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-sprung low-loader unit with low-maintenance axles

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

S-cam brake 300/200 mm, autom. brake linkage adjuster

Tyres :

12 x 235/75 R 17.5 141J, manufacturer as per factory specifications

12 steel wheel rims, 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 ECE R13

Two-line brake

EBS - electronic brake system

Wabco 2S2M = one axle sensed

RSS - stability program

Spring-loaded parking brake

Steel air tank

FLOOR

Spruce softwood floor, 35 mm, lengthwise with rebate or

with aluminium omega profiles in drop deck

Secondary floor made from resin-coated birch plywood, 9 mm, flush with external frame

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 sockets

PAINTWORK

Blasted with steel granulate, treated with zinc dust primer and spray painted 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 and lower post reinforcement

Wheel chock(s) as per regulations

1 x retractable step unit at rear right

Short 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

1 plastic toolbox, lockable, unpainted

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 tubular 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

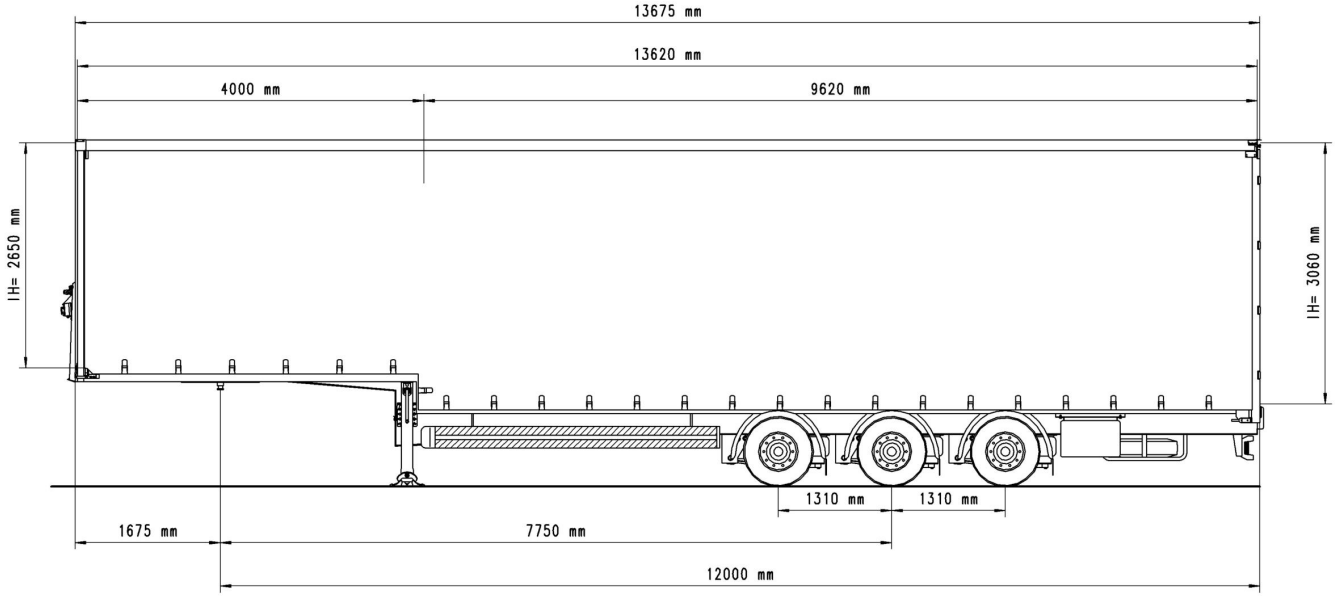
4 or 5 rows of 25 mm slat pockets, 1st pocket row at bottom 460 mm,

then evenly spaced or adapted with 4 or 5 rows of aluminium 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 height 140 mm

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


13675 mm
13620 mm
4000 mm
9620 mm
IH= 2650 mm
IH= 3060 mm
1310 mm
1310 mm
1675 mm
7750 mm
12000 mm