4-axle low-loader semitrailer with offset platform

Produktvorteile und Optionals

- High point loading due to narrow cross member spacing
- Offset platform raised at the front incl. plug-in side walls
- Drop-deck loading platform with softwood floor and tubular posts in external frame
- Pull-out extensions, incl. extension planks for transporting wide loads
- Loading ramps with hardwood flooring and welded square ribs
- Recessed foldable lashing rings on drop deck, and lashing points on external frame
- Third and fourth axles are steered trailing axles for improved cornering and lower tyre wear
- Pull-out/removable warning signs front and rear, incl. position and marker lights for wide loads
- Installation of axles from well-known manufacturers such as SAF or BPW
- OPTIONAL: 2-part loading ramps with motor-hydraulic ramp actuators
- OPTIONAL: Ramps with hydraulic lateral movement, operated on semitrailer
- OPTIONAL: Wheel recesses for transporting special vehicles

Fahrzeugdetails

TYPE DESIGNATION

4-AXLE LOW LOADER SEMITRAILER

DIMENSIONS

approx. 3,500/2,550 mm or approx. 2,480 mm between side walls = front offset platform

Approx. 8,300/2,550 mm = drop-deck platform - flat load surface

Approx. 1,000/2,550 mm = rear access slope

Total width: approx. 2,550 mm or approx. 3,000 mm with extension

Loading height, laden: approx. 900 mm

Horizontal position of semitrailer at fifth-wheel height: laden approx. 1,220 mm

FRAME

Welded steel construction with tapered frame offset at front

and drive-on taper at rear

Replaceable 3.5" kingpin (slew radius on truck at rear max: 2,100 mm)

5 pairs of mounting pockets on drop deck incl. tubular posts 100 x 50 x 5 mm, useful height approx. 1,000 mm, hot-dip galvanised

5 pairs of lashing points on external frame

10 recessed lashing eyes in the drop-deck section

Storage for extension planks below loading platform when not in use

CHASSIS

Air suspension with lifting and lowering device, for loading and unloading

Automatic adjustment of driving level from 15 km/h

Air-sprung low-loader unit with low-maintenance axles.

4 x 10 t, (technical 4 x 12 t) wheelbase 3 x 1.310 mm.

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

1st and 2nd axles rigid,

Third and fourth axles steering knuckle = friction-steered trailing

(20Â° steering angle) incl. electropneum. reverse gear interlock with switch operation

in cab and additional operation on semitrailer.

Lifting first axle = raised or lowered automatically according to weight (with the lifting axle raised, the loading or total height increases by approx. 50 mm) as well as forced lowering autom. lifting axle, incl. integrated speed-restricted moving-off, with button operation in cab (no button on our part)

Tyres :

16 x 245/70 R 17,5, 146/146F, manufacturer as per factory specifications

16 steel wheel rim, 10-hole, with rim offset, silver ex-works

SUPPORT FIXTURES

Mechan. 2 x 12 t support jacks, single-sided operation and thrust compensation

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

Steel air tank

FLOOR

Softwood floor 50 mm, waterproofed, protruding beyond frame profiles by approx. 5 mm at offset platform and 15 mm on drop deck, or beyond steel stud plate cover over rear wheels

EXTENSION

Pull-out extensions, on both sides of drop deck and rear taper, incl.

continuous wooden boarding, extending parts hot-dip galvanised

2 pull-out/removable warning signs each at front and rear

RAMPS

2 foldable, 1-part loading ramps, approx. 2,700/700 mm, with hardwood flooring

Ramp width manually adjustable by approx. 580 mm, with rod,

(min. spacing approx. 265 mm up to max. total width of 2,850 mm)

lockable in driving position using chains with turnbuckle

2 autom. folding supports at rear

Lifting aid with coil spring

ELECTRICAL EQUIPMENT

24 V lighting system according to EC Directive 76/756/E WG

2 five-chamber tail lights on ramps

LED side marker lights

2 clearance lamps

2 contour lights

2 x 7-pin sockets at front

PAINTWORK

Blasted with steel granulate, treated with zinc dust primer and spray painted 2-component acrylic paints for commercial vehicles

Side and rear walls anodised

Plastic and hot-dip galvanised parts unpainted,

powder-coated attachments/installation parts black

ACCESSORIES

Rear markings as per ECE standards

ATTACHMENTS

Wheel chock(s) as per regulations

Plastic mudguards or splashguards with spray protection as per regulations

Spare wheel well for 1 spare wheel

Side impact protection

Pull-out/removable warning signs front and rear, incl. position and

marker lights for wide loads up to 3,000 mm

Externally welded square ribs on ramps and rear access slope

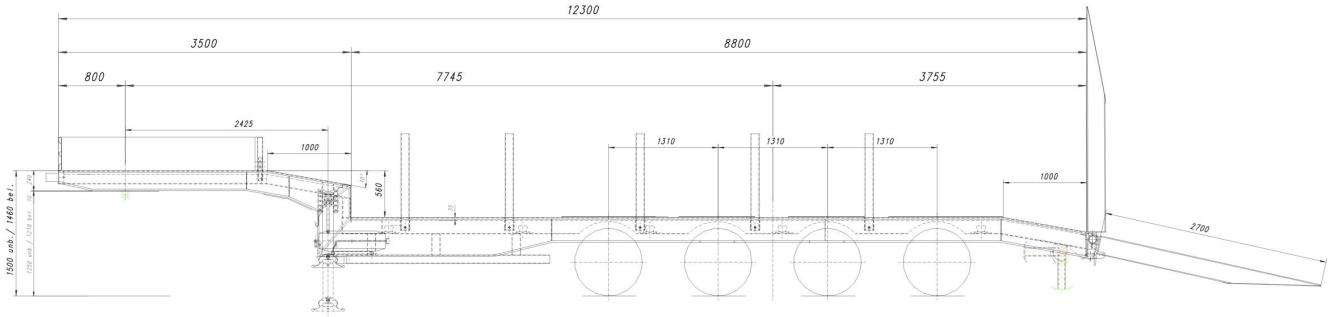
WALLS/POSTS

Plug-in side walls on offset platform, 400 mm high

Steel front wall,, 25 mm aluminium hollow profile walls at sides and rear, with latch-type tension locks, plug-in rear corner posts in side wall height

CONTOUR MARKING

Reflective contour marking strips across entire length of sides and on the rear (white on sides and red at rear by default), according to ECE 48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