

3-axle low-loader semitrailer with offset platform



Product benefits

- High point loading due to narrow cross member spacing
- Offset platform raised at the front
- Drop deck and loading platform with softwood floor
- Foldable, pivoting extensions, incl. extension planks for transporting wide loads
- Loading ramps with hardwood flooring and welded square ribs
- 4 recessed foldable lashing rings on drop deck, and 5 pairs of lashing points on external frame
- Pull-out/removable warning signs front and rear, incl. position and marker lights for wide loads
- Facility for storing extension planks below loading platform when not in use
- Installation of axles from well-known manufacturers such as BPW or SAF
- 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

Product details

TYPE DESIGNATION

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3-AXLE LOW LOADER SEMITRAILER

WEIGHTS

Gross train weight (perm.): 40 t
Gross weight (techn.): 39 t
Axle assembly load (techn.): 27 t
Fifth-wheel load (techn.): 12 t - for 2-axle STT
Tare weight: approx. 8.8 t

DIMENSIONS

Approx. 3,800 mm = front offset platform
Approx. 8,100 mm = drop-deck platform - flat load surface
Approx. 1,000 mm = rear access slope
Total width: approx. 2,550 mm or approx. 3,000 mm with extension

Fifth-wheel height, unladen: approx. 1,250 mm (= approx. horizontal position of semitrailer)
Loading height, laden: approx. 920 mm
Loading height, unladen: approx. 950 mm

FRAME

Welded steel construction with tapered frame offset at front and drive-on taper at rear
Replaceable 2" kingpin (EC installation dimension, width across corners: 2,040 mm)
5 pairs of lashing points in external frame
4 pairs of recessed foldable 5 t lashing rings (10 t techn. tensile strength) on drop deck =
Arrangement:
1st pair on the tapered frame offset
2nd pair after the frame offset
3rd pair approx. at the height of the 2nd axle in the drop-deck section
4th pair in front of the rear access slope

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

S-cam brake 300/200 mm, autom. brake linkage adjuster
1st and 2nd axles rigid,
steering knuckle 3rd axle = friction-steered trailing axle (20° steering angle) incl. electropneum.
reverse gear interlock with switch operation in cab and additional operation on semitrailer

Tyres :

12 x 2 4 5/7 0 R 17.5 14 3 J, manufacturer as per factory specifications

12 steel wheel rims 6.75 x 17.5, 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 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

Foldable = pivoting extensions, on both sides of drop deck and rear

taper incl. continuous wooden boarding = also floor boards

between side members when used without extensions (however, track width of construction machines/vehicles to be transported must not exceed the external frame width of 2,550 mm)

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
1 extendible clearance lamp/marker light on each warning sign for transport of wide loads up to 3 m
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 (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 on the rear (white on sides and red at rear by default), according to ECE 48

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
Centre of gravity marking

Product impressions



Foldable, pivoting extensions, incl. extension planks for transporting wide loads



Loading ramps with hardwood flooring and welded square ribs



5 pairs of lashing points on the external frame



Welded steel construction - high point loading due to narrow cross member spacing



Additionally secured by the loading ramp chains for safe transport



Offset platform raised at the front



Drop-deck area and offset platform with softwood flooring



3-axle low loader semitrailer

