

# 5-axle low-loader trailer



## Product benefits

- Raised platform at the front incl. offset frame, with two lockable accessory compartments
- High point loading due to narrow cross member spacing
- Pull-out extensions, incl. extension planks for transporting wide loads
- Excavator shovel recess between cross members at rear
- Floor-recessed lashing rings as well as lashing points on external frame for optimised load securing
- Lifting 3rd axle
- Installation of axles from well-known manufacturers such as BPW or SAF
- OPTIONAL: Offset drawbar with pivoting eye 40 + 50 mm
- 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

5-AXLE LOW LOADER TRAILER

---

### DIMENSIONS

Approx. 2,800/2,550 mm = raised platform at front incl. frame offset

Approx. 5,800 or 6,400/2,550 mm = drop-deck platform - flat load surface or external surfaces advanced

Approx. 800/2,550 mm = rear access slope

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

Loading height, laden: approx. 920 mm

---

### FRAME

Welded steel construction with flat front frame offset or body offset and drive-on taper at rear with externally welded square ribs

4 pairs of mounting pockets for 100 x 50 mm tubular steel posts in external frame  
Recess in access slope for excavator shovel linkage

5 pairs of lashing points in external frame  
2 pairs of recessed lashing rings in floor

Lubrication strip for front axles and turntable at front  
Lubrication strip for rear axles and ramp at rear

---

### CHASSIS

Air suspension with lifting and lowering device on rear axles (for loading and unloading)  
Automatic adjustment of driving level from 15 km/h

Low-loader axles, each with 11 t axle load at 80 km/h  
S-cam brake 300/200 mm, autom. brake linkage adjuster  
1st to 4th axle rigid

Steering knuckle 5th axle = friction-steered trailing axle  
(12° steering angle) incl. electropneum. reverse gear interlock with switch operation in cab and additional operation on chassis

Autom. lifting 3rd axle = raised or lowered autom. according to weight (with the lifting axle raised, the loading height or total height increases by approx. 50 mm) and forced lowering for autom. lifting axle with button operation in cab

Tyres :

20 x 245/70 R 17.5 143J, manufacturer as per factory specifications

20 steel wheel rims 6.75 x 17.5, 10-hole, with rim offset, silver ex-works

---

## **DRAWGEAR**

Fixed drawbar, 50 mm heavy-duty drawbar eye,  
with silent bushing

---

## **BRAKE SYSTEM**

Brake system according to EC Directive 71/320 or ECE R13

Two-line brake

EBS - electronic brake system (Wabco 4S3M)

Spring-loaded parking brake

Steel air tank

---

## **FLOOR**

Spruce wood floor 50 mm, waterproofed, protruding approx. 5 - 10 mm beyond frame profiles 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 = 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)

Brackets for floor boards on side or in excavator shovel recess

2 removable warning signs at both front and rear

---

## **RAMPS**

2 foldable, 1-part loading ramps, approx. 2,700/710 mm, with hardwood flooring

Ramp width manually adjustable by approx. 550 mm, with rod,

(min. spacing approx. 295 mm up to max. total width of 2,815 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/EWG  
2 five-chamber tail lights on ramps  
LED side marker lights  
2 position or contour lights in each case, extendible to 3,000 mm  
Fixed cable(s) with 2 x 7-pin or 1 x 15-pin connector

Bracket incl. revolving beacon on left ramp, with connecting cable and switch on end plate

---

## **PAINTWORK**

Blasted with steel granulate, treated with zinc dust primer and spray painted 2-component acrylic paints for commercial vehicles  
Plastic and hot-dip galvanised parts (extensions etc.) unpainted,  
powder-coated attachments/installation parts and drawbar black

---

## **CONTOUR MARKINGS**

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**

Side impact protection  
4 wheel chocks as per regulations  
Plastic mudguards or splashguards with spray protection as per regulations  
Spare wheel well for 1 spare wheel  
2 open accessory compartments in raised platform at front  
Externally welded square ribs on ramps and rear access slope  
Centre of gravity marking

---



## Product impressions



Excavator shovel recess between side members at rear



Front offset platform with accessory compartments and pull-out warning signs for transporting



wide loads



Pull-out extensions incl. extension planks for transporting wide loads



Floor-recessed lashing rings as well as lashing points on external frame for optimised load securing





OPTIONAL: Offset drawbar with pivoting eye, 40 + 50 mm



2 folding single-part loading ramps with hardwood flooring





Raised platform at the front with 2 lockable accessory compartments



5-axle low loader trailer with offset platform



