3-axle walking floor semi-trailer

Produktvorteile und Optionals

- Quality product made in Austria
- Weight-optimized, hot-dip galvanized short steel chassis for maximum payload and maximum volume
- bolted-on rear bumper
- Light brackets and attachments screwed to the rear.
- OPTIONAL: Axle lift on the 1st or 3rd axle, or on both the 1st and 3rd axles
- OPTIONAL: Lightweight steel or aluminum frame
- OPTIONAL: 13 pairs of recessed floor lashing rings, recessed on the sides
- OPTIONAL: Ground protection tarpaulin, pneumatically rollable, mounted at the rear for protection
- OPTIONAL: Rear upper crossbeam optionally swivels – can be operated from the ground
- OPTIONAL: Side wall with wedge-shaped wear plate on the inside, 1500x3000 or 1500x6000 (HxL)
- OPTIONAL: Roll-up tarpaulin stops, straight or cranked
- OPTIONAL: Side wall protection tarpaulin on the left side in the direction of travel
- OPTIONAL: Grain chute on the left or right in the direction of travel
- OPTIONAL: Cleaning door on the front wall
- OPTIONAL: Towing eye at the rear
- OPTIONAL: Crossbar design for waste transport 80 mm
- OPTIONAL: Positioning of the central control unit (lifting/lowering, safety locking, etc.) at the rear left
- OPTIONAL: Work lights, reversing lights, cargo area lights

Fahrzeugdetails

WEIGHTS

Unladen weight from approx. 7.2 t

Total permissible train weight 40 t

Total weight (technical) 39 t

Axle unit load (technical) 27 t

Fifth wheel load (technical) 12 t

VEHICLE DIMENSIONS

Internal length approx. 13,545 mm*

Internal width approx. 2,480 mm*

Interior height at the front approx. 2,690 mm*, at the rear approx. 2,785 mm*

Loading volume approx. 92 m³

Front turning radius 2,040 mm (EC installation dimension)

(*Interior length without partition wall, interior width between upright side wall profiles, interior height measured to top edge of top chord)

FRAME

short steel or aluminum frame welded construction from the rear to the seat posts

Replaceable 2" kingpin

AXLES/CHASSIS

Installation of axles from renowned manufacturers such as SAF or BPW

Air suspension as standard with lifting and lowering device (approx. +120/-80 mm)

Automatic adjustment of the driving level from 15km/h

Air suspension unit with low-maintenance disc brake axles, ø 430 mm,

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

Tires:

6-speed 385/65 R 22.5

6 steel rims, 10-hole, ET120, silver

SUPPORT FACILITY

mechanical 2 x 12 t support winches, single-sided operation and thrust compensation

BRAKE SYSTEM

Braking system according to EC directives 71/320 or ECE R13

Dual-line compressed air brake system

EBS system Wabco 2S2M, one axle is sensing

RSS/RSP - Stability Program

Spring-loaded parking brake

ASSISTANCE/SAFETY SYSTEMS

SWIT - Schwarzmüller Intelligent Telematics

Axle load indicator via EBS CAN bus signal for display in the driver's cab

Tire pressure monitoring according to ECE Directive 141

Pneumatically operated safety lock on the rear doors

FLOOR

Hydraulically adjustable aluminum profile floor for loading and unloading with a 200 mm stroke

21-board system in medium-weight design with profiled board thickness of 6-10 mm

Floor operation via remote control – emergency operation on the left in front of the axles

Requirements for the truck hydraulic system: approx. 110 l/min, operating pressure approx. 225 bar (pressure limiter to 250 bar), oil reservoir 150 l

Hydraulic connections with DN 25 quick-connect coupling halves with 90° upward bend, front-mounted.

STRUCTURE / UNDERFLOOR CONSTRUCTION

Load securing certificate according to DIN EN 12642 Code XL

Standard rear floor reinforcement with additional cross members

self-supporting aluminium construction with 30 mm aluminium hollow profile walls,

Side wall profiles welded continuously along the entire height on the inside

Partition wall that can be moved along its entire length

Partition wall carriage with cleaning brushes

4 recessed, removable crossbars 60 mm, also suitable as tarpaulin supports

Rear panel as a double-leaf door with one external rotary rod lock per door leaf

Rear upper crossbeam fixed, optionally swiveling – operable from the ground

Standing platform at the front wall with maximum step width, railing and access for roller shutter operation

CONVERTIBLE TOP

PVC roll-up tarpaulin in reinforced design (900g/m2) including aluminum slat with hand

crank and 2 longitudinal tension straps

Tarpaulin overhang at the front approx. 200 mm and on the left side approx. 400 mm.

On the left side, with 4 tension straps including tension locks on the underside of the recess.

Tarpaulin color according to availability

ELECTRICAL EQUIPMENT

24 Volt lighting system in accordance with ECE Directive R48

Light carrier with 2 full-LED multi-chamber rear lights and 2 LED outline lights

flashing LED side marker lights

2 LED position lights on the bottom of the front bulkhead

2 x 7-pin and 1 x 15-pin sockets

PAINTING / LETTERING

Multi-layer epoxy zinc phosphate primer and spray coating with 2-component polyurethane topcoat (RAL or truck standard color)

Plastic parts and hot-dip galvanized parts, unpainted

powder-coated mounting/installation parts, black

Reflective contour marking stripe along the entire length of the sides and circumferential contour marking at the rear (standard white on the sides and red at the rear), according to ECE 48

Rear marking according to ECE standard

ATTACHMENTS

Rear screw-on aluminum bumper

Wedge as per regulations

Plastic mudguards with splash guards as per regulations

Side-mounted, foldable impact protection made of aluminum profiles according to regulations.

Fixed steel square tube underride guard, in accordance with EU Directive UN/ECE R58 R3

Hinged protective flap for lighting on the light fixture

"Schwarzmüller" rubber apron on the tubular underride guard

Spare wheel carrier for 1 spare wheel

Side-mounted standard plastic toolbox, approx. 800/500/500 mm

retractable step at the rear right

Aluminum access ladder approx. 3,000 mm

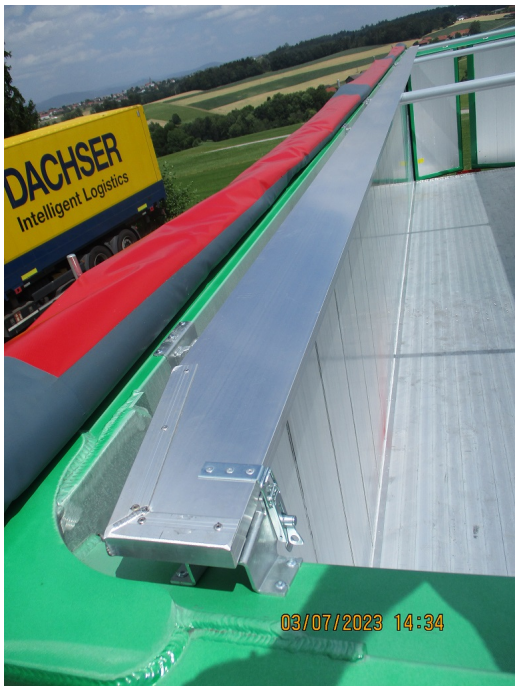
Holder for shovel/broom on the side guard

Central control unit (lifting/lowering, safety locking, etc.) on the left in front of axles

Impressionen

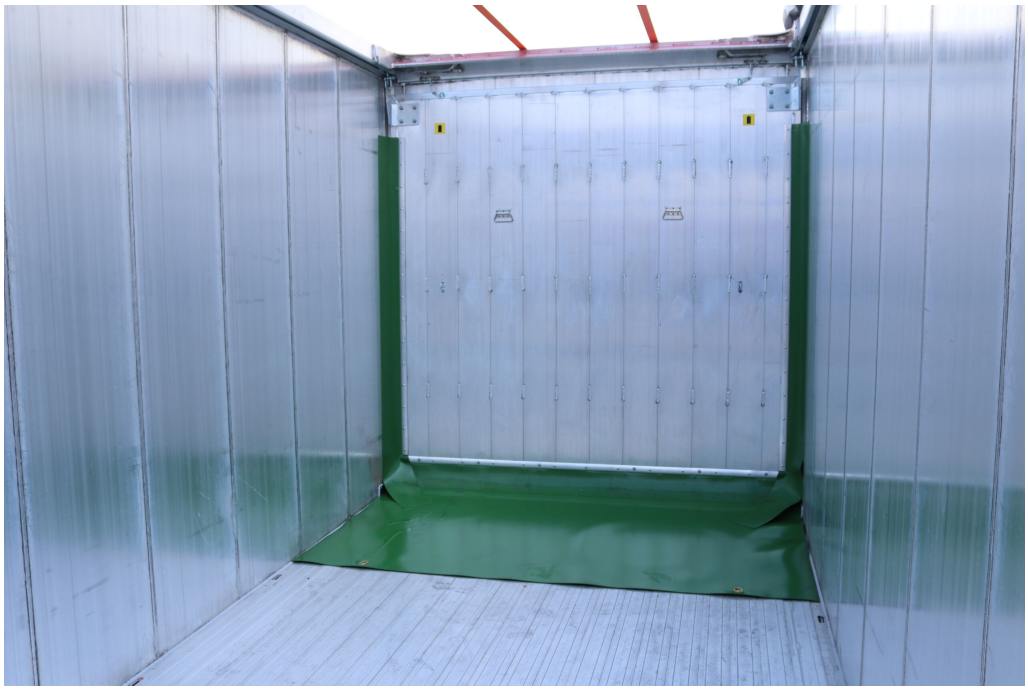
3-axle walking floor semi-trailer with aluminum frame, optionally with electric roll-up roof

central tarpaulin closure with aluminum slat



Tarpaulin protection board to protect the roll-up tarpaulin during the loading process

Grain hopper in the rear door



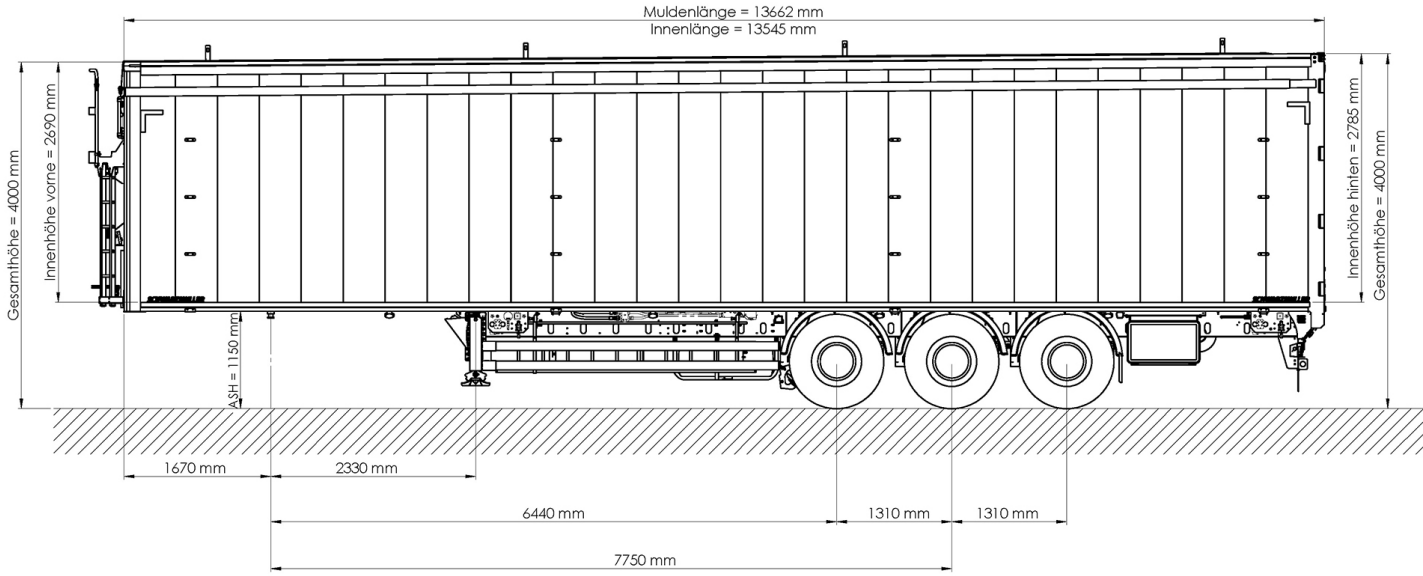
Moving partition wall for complete emptying

Full LED lighting

Radio remote control with control of work lights or lift axle

Radio remote control with control of work lights or lift axle

Lightweight frame in steel or aluminium for maximum payload


Muldenlänge = 13662 mm
Innenlänge = 13545 mm
Gesamthöhe = 4000 mm
Innenhöhe vorne = 2690 mm
ΔSH = 1150 mm
Innenhöhe hinten = 2785 mm
Gesamthöhe = 4000 mm
1670 mm
2330 mm
6440 mm
1310 mm
1310 mm
7750 mm