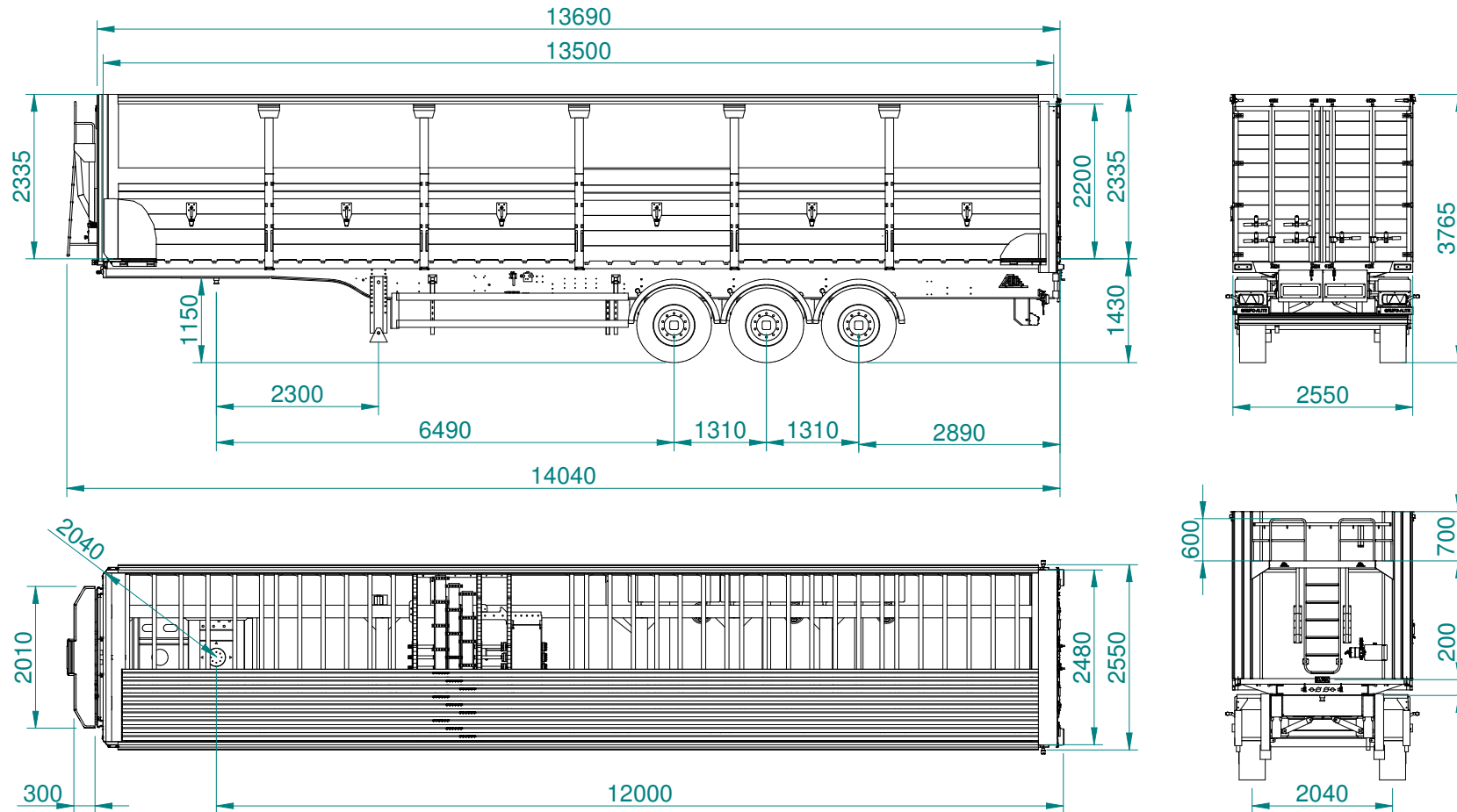


SMART DATA SHEET

OPEN1 - OPEN SEMITRAILER



Characteristic	Value	Observations
Useful volume at 4.000 mm (m ³)	91,4 m ³	Useful volume. Interior dimensions: 13.500 x 2.480 mm (long x width), lateral pitch 2.200 + 800 mm of elevation.
Empty weight (kg)	7.650	Vehicle weight. See equipment on next page.
TPMM (kg)	39.000	Vehicle total. (Technically Permissible Maximum Mass).
TPMM pivot (kg)	12.000	Standard pivot 2", class H50-X.
TPMM axles 1-2-3 (kg)	9.000	Tires 385/65 R22,5, rim offset. Optional 385/55 R22,5.
European Homologation TIPO	S3NB	e9*2007/46*0557*01.

OPEN1-1 CHASSIS SEMITRAILER ALITE (TPMM 39.000 kg)

- OPEN1-1.1** Aluminium chassis with 450 mm frames in double T in AL6005 T6 extrusion in one piece. Neck of 150 mm.
- OPEN1-1.2** Fifth wheel locking design for a 1.150 mm height from the floor. Range of run: 1.150 a 1.200 mm. Technically Permissible Maximum Mass: TPMM = 12.000 kg. Bolt-on fifth wheel plate in 8 mm thick S355 JR steel. Internal reinforcement plate welded to both chassis beams in the neck area of 150x15 mm in AL6082 T6. 8 mm thick coupling pivot bridge crosspieces in AL5754 H111 folded sheet metal.
- OPEN1-1.3** Three (3) axles BPW ECOPLUS III with disc brake. Technically Permissible Maximum Mass: TPMM 1^o-2^o-3^o = 9.000 kg per axle.
- Distance King Pin - 1st axis: 6.490 mm
 - Distance 1st - 2nd axle: 1.310 mm
 - Distance 2nd - 3rd axle: 1.310 mm
 - Rear overhang: 2.890 mm
- OPEN1-1.4** BPW ECO AIRCOMPACT integral pneumatic suspension (EABO L6 FH 340-380 mm).
- OPEN1-1.5** Third axle elevator with automatic control. Up and down control by the EBS ECU.
- OPEN1-1.6** Six (6) CHT3 CONTINENTAL tyres, dimensions 385/65 R22,5"
- OPEN1-1.7** Six (6) painted steel rims offset by pumping B=120 mm.
- OPEN1-1.8** One (1) screw-type spare wheel support without wheel.
- OPEN1-1.9** HALDEX GEN3 + EBS 4S/2M pneumatic brake system with mechanical suspension:
- InfoCentre 2 panel to control suspension and brake parameters. Scale function among others.
 - COLAS leveling valve:
 - o Dead man function, RoRo function (Roll-on, Roll-off).
 - o RTR function for automatic repositioning of ride height when starting the vehicle movement.
 - TrCM (Trailer Control Module) parking valve.
 - Six (6) brake pad wear sensors.
 - Overflow valve for suspension circuit.
 - Coupling heads with filter and pressure tap according to ISO 1728.
 - ISO 7638 connector. Power supply by additional stoplight.
- OPEN1-1.10** Three (3) 60 L aluminium tanks, diameter d396 x 592 mm with supports. Two (2) brake tanks + one (1) suspension tank.

- OPEN1-1.11** Two (2) BPW 2 speed mechanical type painted steel support feet.
- OPEN1-1.12** Fixed anti-underrun device (bumper) in anodized aluminium ALA-ALU according to Regulation 58.
- OPEN1-1.13** Six (6) integral mudguards in polypropylene with anti-splash system valances according to Regulation 109.
- OPEN1-1.14** Drop side lateral under-run protections with anodised aluminium bars.
- OPEN1-1.15** One (1) 1.000 mm tools drawer in PVC. One (1) water tank with soap dispenser in PVC. Two (2) empty drawers of fire extinguishers in PVC, on configuration A1, A2.

**POSSIBLE MOUNTING CONFIGURATIONS:
A1 FOR DRIVING ON THE RIGHT / A2 FOR DRIVING ON THE LEFT:**

A1 Right driving vehicle WITHOUT hydraulic accessories

LEFT SIDE IN RUNNING ORDER:

- o Water tank.
- o Suspension lever.
- o Brake control.
- o Moving floor control panel.
- o One (1) extinguisher drawer in horizontal position mounted in the central part and integrated in the cyclist.

RIGHT SIDE IN RUNNING ORDER:

- o Lever for operating the legs.
- o Spare wheel holder.
- o One (1) tool drawer in the central rear part integrated in the cyclist life-saving.
- o One (1) rear mounted horizontal extinguisher drawer.
- o Ladder with 12-14 aluminium rungs with support for cyclists.
- o Pole for tarpaulin at the back.

NOTES:

1. When a 2nd tool drawer is mounted, it will be mounted at the rear on the left side on the overhang.
2. When a 2nd spare wheel carrier is mounted, it will be mounted on the rear right side of the overhang.

A2 Left driving vehicle WITHOUT hydraulic accessories

LEFT SIDE IN RUNNING ORDER:

- o Lever for operating the legs.
- o Spare wheel holder.
- o One (1) tool drawer in the central rear part integrated in the cyclist life-saving.
- o One (1) rear mounted horizontal extinguisher drawer.
- o Ladder with 12-14 aluminium rungs with support for cyclists.
- o Pole for tarpaulin at the back.

RIGHT SIDE IN RUNNING ORDER:

- o Water tank.
- o Suspension lever.
- o Brake control.
- o Moving floor control panel.
- o One (1) extinguisher drawer in horizontal position mounted in the central part and integrated in the cyclist.

NOTES:

1. When a 2nd tool drawer is mounted, it will be mounted at the rear on the right side on the overhang.
2. When a 2nd spare wheel carrier is mounted, it will be mounted on the rear left side of the overhang.

OPEN1-1.16 Lightening mechanism and light signals according to the Regulation 48 with Aspöck Ecoled II rear lights Led markers. Folding protections for the lights in aluminium integrated in the rear of the vehicle.

OPEN1-1.17 Chassis finished in non-anodised raw aluminium.

OPEN1-2 XL NORM ALUMINIUM FULL BODY, OPEN BOX TYPE SEMILONS WITH SIDE PASS LIFTING ROOF L 2.200 + 800 mm

OPEN1-2.1 Construction of an integral open aluminium box with folding sides of platform dimensions: 13.530 x 2.480 mm. Useful interior length: 13.500 mm with 60 x 80 front bevels (length x width). Roof can be raised by 800 mm in sections of 100 mm.

OPEN1-2.2 Twenty-one (21) aluminium planks (112 mm) ALITE HEAVY DUTY hydraulic moving floor system in aluminium AL6082 T6 (standard 6 mm + 1,5 mm planks). Mounting of 735 sliders per unit on aluminium tube 25,4 x 25,4 x 2 mm.

OPEN1-2.3 Tubular-type lower belt profile 140 x 45 mm ALITE profile with lower flange for mooring belts. AL6082 T6 alloy.

OPEN1-2.4 Upper profile with large-volume aluminium track-type AL6005 T6 without anodising. Profile height 135 mm.

OPEN1-2.5 Integral front in anodised aluminium, with elevation by means of 2 hydraulic cylinders with a towrope system and pulleys on the trackline, hydropneumatic pump with pneumatic and manual operation. Front panel in stainless steel plate. Chamfers in the front corners of 60 x 80 mm (length x width). Assembly of the front panel screwed to the front profile and to the belts. Walkway at 700 mm from the handrail and maximum dimensions according to regulations. Access staircase in the central part. Handrail of the footbridge 600 mm high.

OPEN1-2.6 Rear doors of 2 leaves in anodized aluminium of book type with external assembly, upper upright in steel tube S275 JR of 100/120x40x2 mm with swivel and folding assembly. Four (4) galvanised steel hinges per door leaf, with double galvanised bolt of the container type and with aluminium protector. Right-hand door leaf in running order with complete espagnolette bolts. Left-hand door leaf with double split espagnolette for independent opening of the top post.

OPEN1-2.7 Ten (10) one-piece anodised aluminium Kinnegrip central columns at full height with internal aluminium lifting pin with spring lock for locking intermediate ceiling positions. Three (3) locking claws and sliding carriages with trolleys for large-volume rails. A simple lower box on the side and another simple one in the centre leaving two holes of equal height. Two (2) 140 mm lift boards stackable on each side, total of twenty-four (24) 140 mm lift boards. Welded boxes on the inside of the top for reinforcing bars with a shank. Five (5) 1" galvanised tube bars with welded steel plate pins.

OPEN1-2.8 Two (2) rear pillars in 4 mm stainless steel plate AISI 304b, construction with canvas tensioner and for 140 mm strip. Mounted by bolting to the side band and the rear profile.

- OPEN1-2.9** Twelve (12) sides in anodised aluminium board, 1.300 mm high. Construction with 7 boards: 1st hinge 200 mm, 2nd TIR 200 mm, 3rd, 4th and 5th central 200 mm, 6th central 150 mm and 7th end 150 mm. Total 1.300 mm.
- Two (2) aluminium locks per side with three (3) nails with stainless steel mechanism and plastic key.
 - Seven (7) TIR-7 hinges with screwed galvanised steel male and welded aluminium base.
 - TIR board with rod with six (6) welded stainless steel riveted pins.
 - Zinc-plated interior hinge system and exterior livestock lock on the left side in order of operation for steel cables between pairs of opposite sides. Mounted on 6th table.
 - Six (6) coated steel cables 6x8 mm with turnbuckle at one end and plate for livestock closing at the other.
 - Six (6) 150 mm rubber stops screwed onto the belt to protect the hinges and sides from shocks.

- OPEN1-2.10** Seven (7) removable arches in 1" galvanized steel round tube with solid iron round pins welded on. Mounted on aluminium bushes welded to the tricycle. Standard version:
- First (1°): straight without point next to the front.
 - Second (2°), third (3°), fourth (4°), fifth (5°) and sixth (6°): with double point at the centre of 100 mm high with a flat part of 500 mm in each pillar.
 - Seventh (7°): straight without a point, next to the rear pillar.

OPEN1-2.11 Side sliding curtains made of 900 g/m² canvas with screwed-in trolleys. Reinforcements included according to XL norm.

OPEN1-2.12 900 g/m² loose sweeping canvas with telescopic bar.

OPEN1-2.13 Tin opener roll up 680 g/m² canvas top, with fall of 300 mm on the left side in running order and fixed on the right side. Colour according to RAL guide. Four (4) tensing ratchets on the left side and two (2) on the right side in running order for the tarpaulin belts. Four (4) stainless steel plate bayonets screwed to the tricycle, mounted on the right side in running order. Two (2) inner reinforcing tubes in the centre at 550 mm between them, 3/4" galvanized iron pipe. Rear headboard with roof tile and canvas roll-up for lifting. Fixed by means of bushes.

COLOUR	RAL	RAL	RAL	RAL	RAL	RAL	OTHER
BLUE	5012	5015	5010	5002	5003	5013	EUROPA 941
YELLOW	1013	1015	1014	1018	1021	1003	
GREEN	6005	6028	6026	6018			
GRAY	7035	7038	7037				
ORANGE	2008	2004					
RED	3020	3002					
WHITE	9010	9016					
BROWN	8017						
ALUMINUM	9006						
BLACK	9005						

OPEN1-2.14 Two (2) pulling rings at the rear.

OPEN1-2.15 Electrical and pneumatic connections integrated into the front crossbeam Electrical connectors ISO 3731 (24 N) + ISO 1185 (24 s) + ISO 12098 (15 P) and red and yellow ISO 1728 tires.

OPEN1-2.16 Hydraulic connections above the electrical connections, aluminium safety valve against wrong connections ALITE AL-BL101. Rigid pressure tube DIN 2391 with sections 22x2,5 mm in pressure (WP 250 bar) and 28x2,0 mm in return (WP 200 bar).

OPEN1-2.17 One (1) 3-step retractable ladder on the right rear side in running order.

OPEN1-2.18 Body of the semitrailer finished in anodised aluminium on pillars, front, sides and rear doors. The rest is finished in raw aluminium.