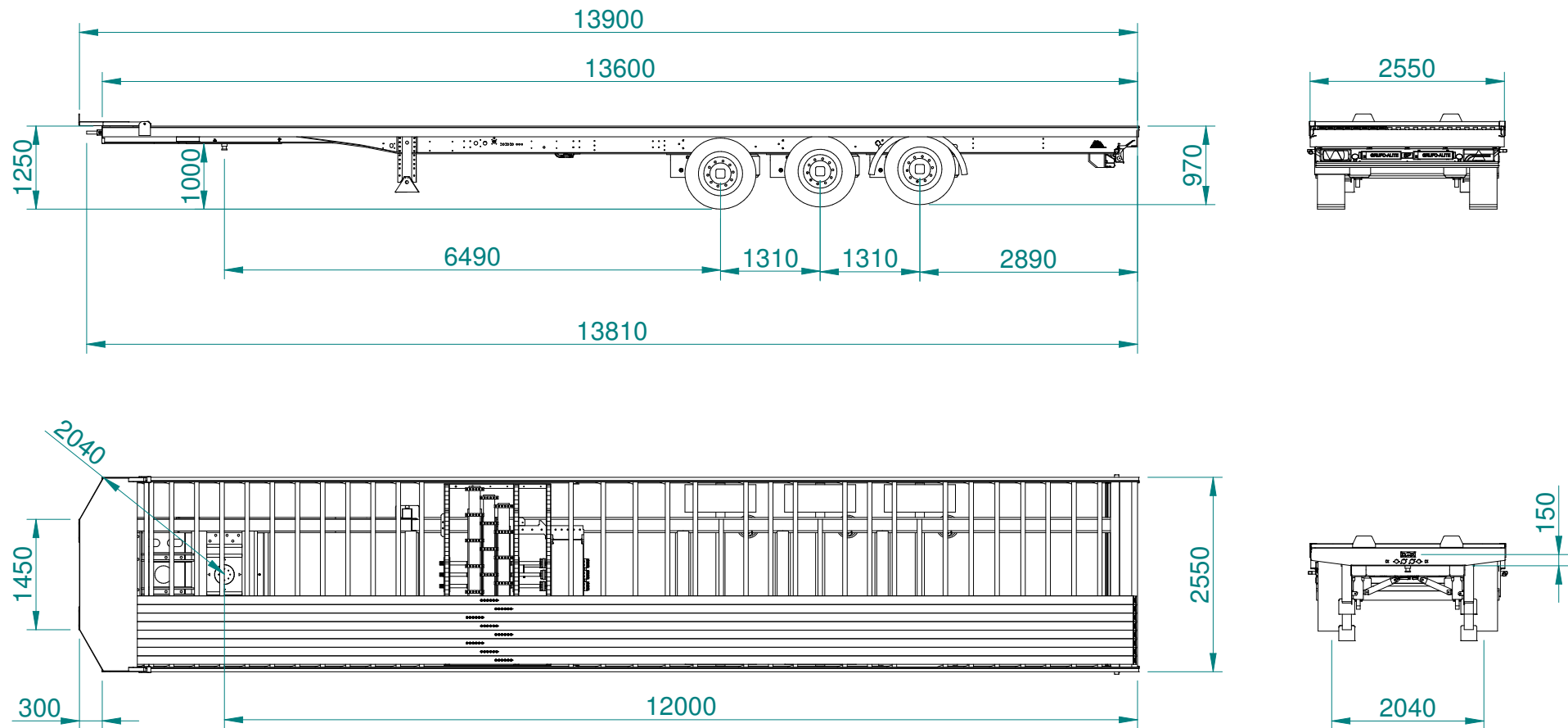


# FULL DATA SHEET

## OPEN3 - OPEN NAKED



Characteristic	Value	Observations
Height of the moving floor platform front / rear (mm)	1.250 / 970	Platform dimensions: 13.600 (+ 300) x 2.550 mm (long x width).
Empty weight (kg)	5.620	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 385/55 R22,5, rim offset . Optional 355/50 R22,5 (TPMM axes 1-2-3 = 8.000 kg)
European Homologation TIPO	S3NB	e9*2007/46*0557*01.

## OPEN3-1 CHASSIS SEMITRAILER ALITE (TPMM 39.000 kg)

**OPEN3-1.1** Aluminium chassis with 250 mm frames in double T in AL6082 T6 extrusion in one piece. Neck of 120 mm.

**OPEN3-1.2** Fifth wheel locking design for a 1.000 mm height from the floor. Range of run: 1.000 a 1.050 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.

**OPEN3-1.3** Three (3) axles BPW ECOPLUS III with disc brake. Technically Permissible Maximum Mass: TPMM 1º-2º-3º = 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

**OPCIONES:**

OP OPEN3-1.3\_01 Add BPW AIRSAVE self-pumping system mounted in three (3) ECOPLUS axles 9-12 tn. (+3,45 kg)

**OPEN3-1.4** BPW ECO AIRCOMPACT integral pneumatic suspension (EAAU L1 FH 215-255 mm).

**OPEN3-1.5** Third axle elevator with automatic control. Up and down control by the EBS ECU.

**OPCIONES:**

OP OPEN3-1.5\_01 Add automatic liftable axes 1st. (+23,3 kg)

**OPEN3-1.6** Six (6) CHT3 CONTINENTAL tyres, dimensions 385/55 R22,5"

**OPCIONES:**

OP OPEN3-1.6\_01 Change tire CONTINENTAL CHT3 385/55 R22,5 to 6 MICHELIN X MULTI Z 385/55 R22,5

OP OPEN3-1.6\_02 Change tire CONTINENTAL CHT3 385/55 R22,5 to 6 CONTINENTAL CHT3 355/50 R22,5

OP OPEN3-1.6\_03 Change tire CONTINENTAL CHT3 385/55 R22,5 to 6 MICHELIN X MULTI Z 355/50 R22,5

**OPEN3-1.7** Six (6) painted steel rims offset by pumping B=120 mm.

**OPCIONES:**

OP OPEN3-1.7\_01 Change to 6 ALCOA DURABRIGHT rims B=120 mm. (-68,0 kg)

OP OPEN3-1.7\_02 Change to 6 SPEED LINE DIAMANTE rims B=120 mm. (-65,0 kg)

**OPEN3-1.8** One (1) screw-type spare wheel support without wheel.

**OPCIONES**

OP OPEN3-1.8\_01 Add one (1) wheel support.

**OPEN3-1.9** WABCO 4S/2M pneumatic brake system with mechanical suspension:

- ECU EBS WABCO Premium.
- Lever for manual regulation of electronic suspension eTASC with solenoid valve for automatic regulation of the height of the suspension in running condition.
- Three (3) programmable suspension heights. OPTILEVEL.
- SmartBoard control panel for suspension parameters.
- Two (2) LACV lift axle controls.
- Brake pad wear sensor on all wheels.
- Coupling heads with filter and pressure tap according to ISO 1728.
- ISO 7638 connector. Power supply by additional stoplight.

## OPCIONES

OP OPEN3-1.9_01	Change HALDEX 4S/3M GEN3+ to the WABCO 4S/2M with electronic suspension + OPTITURN / OPTILOAD (3rd modulator)
	<ul style="list-style-type: none"> <li>- ECU EBS WABCO Premium.</li> <li>- Lever for manual regulation of electronic suspension eTASC with solenoid valve for automatic regulation of the height of the suspension in running condition.</li> <li>- Three (3) programmable suspension heights. OPTILEVEL.</li> <li>- SmartBoard control panel for suspension parameters.</li> <li>- Two (2) LACV + LAVic lift axle controls.</li> <li>- 3rd modulator with pneumatic bellows pressure sensor for activate the OPTILOAD or OPTITURN function.</li> <li>- Brake pad wear sensor on all wheels.</li> <li>- Coupling heads with filter and pressure tap according to ISO 1728.</li> <li>- ISO 7638 connector. Power supply by additional stoplight.</li> </ul>

**OPEN3-1.10** Three (3) 60 L aluminium tanks, diameter d396 x 592 mm with supports. Two (2) brake tanks + one (1) suspension tank.**OPEN3-1.11** Two (2) BPW 2 speed mechanical type painted steel support feet.

## OPCIONES

OP OPEN3-1.11_01	Change steel legs to manual aluminium support legs 650-700 BALTECH / ALU-LEG / PLASTECHNIC.
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**OPEN3-1.12** Fixed anti-underrun device (bumper) in anodized aluminium ALA-ALU according to Regulation 58.

## OPCIONES

OP OPEN3-1.12_01	Change anti-embedment WING-ALU for WING-E (extendable manual).
OP OPEN3-1.12_02	Change anti-embedment WING-ALU for WING-R (automatic folding).

**OPEN3-1.13** Six (6) integral mudguards in polypropylene with anti-splash system valances according to Regulation 109.

**OPEN3-1.14** Drop side lateral under-run protections with anodised aluminium bars.

**OPEN3-1.15** 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.

**OPCIONES**

OP OPEN3-1.15\_01 Add plastic toolbox 1.000 mm with brackets (C=450).

**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.

**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.

**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.

**OPEN3-1.16** 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.

## OPCIONES

OP OPEN3-1.16\_01 Add two (2) working rear light led reverse gear + selector.

OP OPEN3-1.16\_02 Add two (2) led work headlights in central part on each side under the front safety support + reverse selector.

**OPEN3-1.17** Chassis finished in non-anodised raw aluminium.

## OPCIONES

OP OPEN3-1.17\_01 Imp. epoxy finish + acrylic water pain RAL.

## OPEN3-2 INTEGRAL ALUMINIUM MOVING FLOOR PLATFORM

<b>OPEN3-2.1</b>	Integral aluminium moving floor platform construction with dimensions: 13.600 x 2.550 mm, with a 300 mm front folding base.
<b>OPEN3-2.2</b>	Twenty-one (21) aluminium blades (112 mm) ALITE HEAVY DUTY hydraulic mobile floor system in aluminium AL6082 T6 (standard 6 mm + 1,5 mm blades). Mounting of 735 sliders per unit on aluminium tube 25,4 x 25,4 x 2 mm. OPCIONES
	OP OPEN3-2.2_01 Change nylon plate at the back underneath the floor for 4 mm stainless steel plate. (+23,5 kg).
<b>OPEN3-2.3</b>	Tubular-type lower belt profile 140 x 45 mm ALITE profile with lower flange for mooring belts. AL6082 T6 alloy. OPCIONES
	OP OPEN3-2.3_01 Add twelve (12) equidistant rings inserted in every lateral. Total 24 units. Rings according to EN12640, 3000 daN.
<b>OPEN3-2.4</b>	Without front. Manual folding front cover made of steel S275 JR to extend the load capacity and protect the slats. Length 2.530 x 760 mm. OPCIONES
	OP OPEN3-2.4_01 Add 1.500 mm aluminium front with tongue-and-groove boards and folded sheet metal corners.
<b>OPEN3-2.5</b>	Two (2) pulling rings at the rear. OPTIONS
	OP OPEN3-2.5_01 Add four (4) rings to the chassis for the mooring of the vehicle on board.
<b>OPEN3-2.6</b>	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.
<b>OPEN3-2.7</b>	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).
<b>OPEN3-2.8</b>	Body of the semitrailer finished in anodised aluminium on pillars, front, sides and rear doors. The rest is finished in raw aluminium.