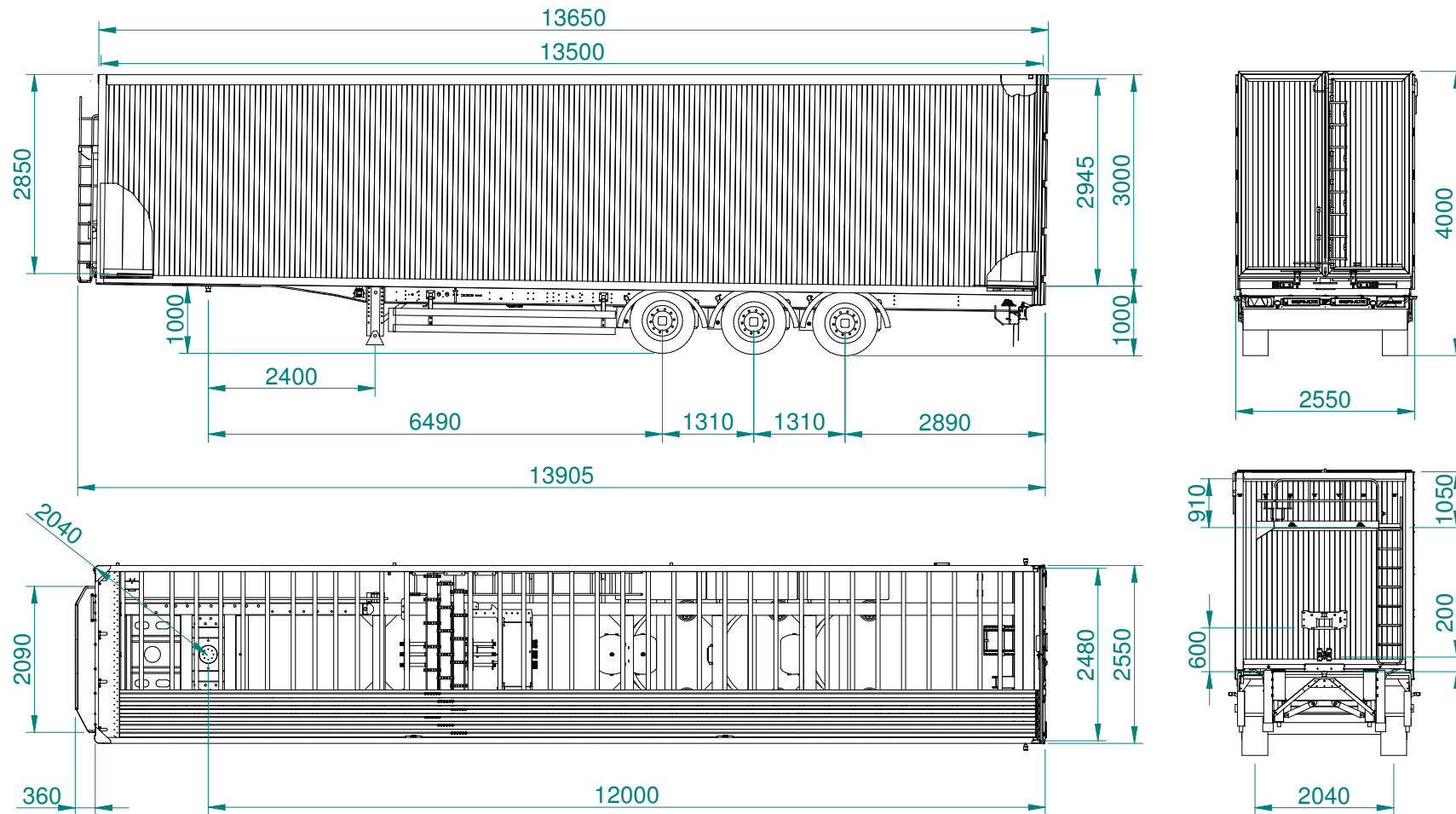


FULL DATA SHEET

HP6 - HIGH PERFORMANCE VOLUME



Characteristic	Value	Observations
Useful volume (m ³)	98,0 m ³	Useful volume. Interior dimensions: 13.500 x 2.480 x 2.850-3.000 mm (long x width x high).
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)	8.000	Tires 355/50 R22,5, rim offset .
European Homologation TIPO	S3NB	e9*2007/46*0557*01

HP6-1 CHASSIS SEMITRAILER ALITE (TPMM 39.000 kg)

HP6-1.1	Aluminium chassis with 250 mm frames in double T in AL6005 T6 extrusion in one piece.
HP6-1.2	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. 8 mm thick coupling pivot bridge crosspieces in AL5754 H111 folded sheet metal.
HP6-1.3	Three (3) axles BPW ECOPLUS III with disc brake. Technically Permissible Maximum Mass: TPMM 1°-2°-3° = 9.000 kg per axle. <ul style="list-style-type: none">- Distance King Pin - 1st axis: 6.490 mm- Distance 1st - 2nd axle: 1.310 mm- Distance 2nd - 3rd axle: 1.310 mm- Rearoverhang: 2.890 mm
	OPTIONS
	OP HP6-1.3_01 Add BPW AIRSAVE self-pumping system mounted in three (3) ECOPLUS axles 9-12 tn. (+3,45 kg)
HP6-1.4	BPW ECO AIRCOMPACT integral pneumatic suspension (EAAU L1 FH 215-255 mm).
HP6-1.5	Third axle elevator with automatic control. Up and down control by the EBS ECU.
	OPTIONS
	OP HP6-1.5_01 Add automatic liftable axes 1st. (+23,3 kg)
HP6-1.6	Six (6) CHT3 CONTINENTAL tyres, dimensions 355/50 R22,5"
	OPTIONS
	OP HP6-1.6_01 Change tire CONTINENTAL CHT3 355/50 R22,5 to 6 MICHELIN X MULTI Z 355/50 R22,5
HP6-1.7	Six (6) painted steel rim offset by pumping B=120 mm.
	OPTIONS
	OP HP6-1.7_01 Change to 6 ALCOA DURABRIGHT rims B=120 mm. (-68,0 kg)
	OP HP6-1.7_02 Change to 6 SPEED LINE DIAMANTE rims B=120 mm. (-65,0 kg)
HP6-1.8	One (1) screw-type spare wheel support without wheel.
	OPTIONS
	OP HP6-1.8_01 Add one (1) wheel support.

HP6-1.9

WABCO EBS 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.

OPTIONS

OP HP6-1.9_01

Change HALDEX 4S/2M GEN3+ to the WABCO 4S/3M with electronic suspension + OPTITURN / OPTILOAD (3rd modulator)

- 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 + LAVic lift axle controls.
- 3rd modulator with pneumatic bellows pressure sensor for activate the OPTILOAD or OPTITURN function.
- 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.

HP6-1.10

Three (3) 60 L aluminium tanks, diameter d396 x 592 mm with supports. Two (2) bracketanks + one (1) suspension tank.

HP6-1.11

Two (2) BPW 2 speed mechanical type painted steel support feet.

OPTIONS

OP HP6-1.11_01

Change steel legs to manual aluminium support legs 650-700 BALTECH / ALU-LEG / PLASTECHNIC.

HP6-1.12

Fixed anti-underrun device (bumper) in anodized aluminium ALA-ALU according to Regulation 58.

HP6-1.13

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

HP6-1.14 Drop side lateral under-run protections with anodised aluminium bars.

HP6-1.15 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, B1, A2 or B2.

OPTIONS

OP HP6-1.15_01 Add plastic toolbox 1.000 mm with brackets (C=250).

POSSIBLE MOUNTING CONFIGURATIONS:

A1 AND B1 FOR DRIVING ON THE RIGHT / A2 AND B2 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 Two (2) extinguisher drawers in vertical position mounted in the central part and integrated in the cyclist.
- o Pole for tarpaulin 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 Ladder with 12-14 aluminium rungs with support for cyclists.

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 in the central part on the left side, moving the two (2) extinguisher drawers.

B1 Right driving vehicle WITH hydraulic accessories

LEFT SIDE IN RUNNING ORDER:

- o Water tank.
- o Suspension lever.
- o Brake control.
- o Moving floor control panel.
- o One (1) rear mounted horizontal extinguisher drawer.
- o Pole for tarpaulin integrated in the cyclist.
- o One (1) hydraulic accessories control cabinet.

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.

NOTES:

1. When a 2nd tool drawer is mounted, it will be mounted at the rear on the left side on the overhang. Modifying the position of the extinguisher drawer to vertical assembled in the central part.
2. When a 2nd spare wheel carrier is mounted, it will be mounted on the rear right side of the overhang. Modifying the position of the extinguisher drawer to vertical assembled in the central part.

HP6-1.15**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 Ladder with 12-14 aluminium rungs with support for cyclists.

RIGHT SIDE IN RUNNING ORDER:

- o Water tank.
- o Suspension lever.
- o Brake control.
- o Moving floor control panel.
- o Two (2) extinguisher drawers in vertical position mounted in the central part and integrated in the cyclist.
- o Pole for tarpaulin 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 in the central part on the right side, moving the two (2) extinguisher drawers.

B2 Left driving vehicle WITH hydraulic accessories**LEFT SIDE IN RUNNING ORDER:**

- o Lever for operating the legs.
- o Spare wheel holder.
- o One (1) tool drawer at the rear side on the overhang.
- o One (1) hydraulic accessories control cabinet.

RIGHT SIDE IN RUNNING ORDER:

- o Water tank.
- o Suspension lever.
- o Brake control.
- o Moving floor control panel.
- o Two (2) extinguisher drawers in vertical position mounted in the central part and integrated in the cyclist.
- o Ladder with 12-14 aluminium rungs with support for cyclists.
- o Pole for tarpaulin integrated in the cyclist.

NOTAS:

1. Cuando se monte un 2º cajón de herramientas, irá montado en la parte trasera en el lado derecho en el voladizo.
2. Cuando se monte un 2º soporte de rueda de repuesto, irá montado en la parte central en el lado derecho, desplazándose los dos (2) cajones de extintores.

HP6-1.16

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.

OPTIONS

- | | |
|----------------|---|
| OP HP6-1.16_01 | Add two (2) working rear light led reverse gear + selector. |
| OP HP6-1.16_02 | Add two (2) led work headlights in central part on each side under the front safety support + reverse selector. |

HP6-1.17

Chassis finished in non-anodised raw aluminium.

OPTIONS

- | | |
|----------------|---|
| OP HP6-1.17_01 | Imp. epoxy finish + acrylic water pain RAL. |
|----------------|---|

HP6-2 OPEN CONICAL BODYWORK INTEGRAL ALUMINUM (98,0 m³)

HP6-2.1	Integral aluminium fixed sides open bodywork construction. Outer dimensions: 13.650 mm (length) x 2.550 mm (width) and 2.850 / 3.000 mm of usable inner height. Fully usable volume of 98,0 m ³ . Maximum ground height 4.000 mm for fifth wheel locking at 1.000 mm.
	OPTIONS
	OP HP6-2.1_01 Body length reduction by linear meter. (-233,0 kg/m).Range 10.000 - 13.650 mm.
	OP HP6-2.1_02 Body height variation by linear meter. (±442 kg/m).Range: 1.400 - 3.200 mm
OP HP6-2.1_03 Change useful interior length 13,500 to 13,620 mm with internal chamfer 90 x 120 mm.	
HP6-2.2	AL6005 T6 Alloy aluminium panels with tongue-and-groove joint system boards. 300 x 30 x 2,25 / 1,85 (width x thickness x inner / outerthickness).
	OPTIONS
	OP HP6-2.2_01 Change panels 300 x 30 x 2,25 / 1,85 mm for 350 x 30 x 3,0 / 2,5 mm. (+136,0 kg).
	OP HP6-2.2_02 Add inner complete reinforcement on both sides 13.500 x 1.500 x 3 mm AL5754 H111 (40,5 m ²). (+328,0 kg).
	OP HP6-2.2_03 Add inner complete reinforcement on both sides 9.000 x 1.500 x 4 mm AL5754 H111 (27,0 m ²). (+218,7 kg).
	OP HP6-2.2_04 Add inner complete reinforcement on both sides 6.000 x 1.500 x 4 mm AL5754 H111 (20,0 m ²). (+162,0 kg).
	OP HP6-2.2_05 Add two doors 3.700 x 700 mm folding upper on left side. (+45,0 kg).
OP HP6-2.2_06 Add two doors 3.700 x 700 mm folding upper on right side. (+45,0 kg).	
HP6-2.3	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.
	OPTIONS
	OP HP6-2.3_01 Change 21 planks e=6 mm for 21 planks e=8 mm. (+148,1 kg).
	OP HP6-2.3_02 Change 21 planks e=6 mm for 21 planks e=10 mm. (+250,0 kg).
	OP HP6-2.3_03 Change 21 planks e= 6 mm for 24 planks e=6 mm. (-85,0 kg).
OP HP6-2.3_04 Change nylon plate at the back underneath the floor for 4 mm stainless steel plate. (+23,5 kg).	
HP6-2.4	Lower band of curved type reinforced in aluminium AL6082 T6.
	OPTIONS
	OP HP6-2.4_01 Add twelve (12) equidistant rings inserted in every lateral. Total 24 units. Rings according to EN12640, 3000 daN.
	OP HP6-2.4_02 Add ten (10) equidistant rings inserted in every lateral. Total 20 units. Rings according to EN12640, 3000 daN.
OP HP6-2.4_03 Add six (6) equidistant rings inserted in every lateral. Total12 units. Rings according to EN12640, 3000 daN.	

HP6-2.5	Upper profile for closing handrail with integrated rail reinforced in AL6082 T6.
	OPTIONS
	OP HP6-2.5_01 Change to range paletizable strait without rail.
	OP HP6-2.5_02 Additional profile of reinforcement U 100x50x4 mm 13,6 m in steel galvanized in the right handrail. (+65,0 kg).
OP HP6-2.5_03 Additional profile of reinforcement U 100x50x4 mm 13,6 m in steel galvanized in the left handrail. (+65,0 kg).	
HP6-2.6	Inside standard tarpaulin wall on a bar with two stainless steel pulleys with dismountable bearing.
	OPTIONS
	OP HP6-2.6_01 Change to loose sweeper canvas with manual tape on the front. Without pulley.
	OP HP6-2.6_02 Change to loose canvas with telescopic bar. Without pulley.
	OP HP6-2.6_03 Aluminium front sweep panel with inf. canvas + lat. rubber joint. Inside wall hung on stainless steel carts. (+112,8 kg).
OP HP6-2.6_04 Add ALITE pneumatic front inside wall.	
HP6-2.7	Full height fixed front in aluminium with catwalk at 1,050 mm from the handrail and with maximum dimensions according to Regulations. Access ladder on the left side in running order. 910 mm high railing.
	OPTIONS
	OP HP6-2.7_01 Add front access door AL. 1.000x800 mm right lat. in running order.
	OP HP6-2.7_02 Add front access door AL. 1.000x800 mm left lat. in running order.
	OP HP6-2.7_03 Change position ladder right side order run.
OP HP6-2.7_04 Runway at 650 mm from the front of the maximum dimensions according to regulations.	
HP6-2.8	Rear door with 2 parts without upper crossbar and with closing system with central espagnolette with double fastening. Open bodywork closing ironworks integrated in the pillars profiles made of AISI 304b stainless steel. Aluminium ladder on the right door side.
	OPTIONS
	OP HP6-2.8_01 Add stainless manual hatch. right door.
	OP HP6-2.8_02 Add stainless manual hatch. left door.
	OP HP6-2.8_03 Add upstand rear doors aluminium removable 80x40x4.
	OP HP6-2.8_04 Add assembly rear fixed doors welded AL 160x80x8 AL6082 T6.
OP HP6-2.8_05 Remove staircase integrated aluminium right sheet.	
HP6-2.9	Additional pneumatic closing system for rear doors with manual activation with button in the chassis.

HP6-2.10

System 5 arches in black anodized ALITE extrusion aluminium tube of section 60x50 mm, quality AL6082 T6. Arches folding towards the top and rotating laterally. Standard version:

- First (1st): straight without detachable type point with pin.
- Second (2nd), third (3rd) and fourth (4th): 50 mm high centre point, rotating and folding upwards.
- Fifth (5th): straight without point, rotating and folding upwards.

OPTIONS

OP HP6-2.10_01 Change arch system for straight version:

- First (1st): straight without point of detachable type with pin.
- Second (2nd), third (3rd), fourth (4th) and fifth (5th): straight without point, swivelling and folding upwards.

OP HP6-2.10_02 Arch system change mixed version:

- First (1st): straight without point of detachable type with pin.
- Second (2nd), third (3rd) and fourth (4th): 50 mm high centre point with interior stock closure and plate above the handrail.
- Fifth (5th): straight without point, rotating and folding upwards.

OP HP6-2.10_03 Arches change spring lock closure system:

- First (1st), second (2nd), third (3rd), fourth (4th) and fifth (5th): 50 mm high centre point with interior stock closure and plate above the handrail.

OP HP6-2.10_04 Add bracket support closure livestock amarre chassis.

OP HP6-2.10_05 Change butterfly roof arches system:

- Three (3) black anodized 60x50 mm AL6082 T6 straight aluminium arches with removable side bolt fixing at both ends:
 - First (1st) and second (2nd): centred leaving 3 equal holes.
 - Third (3rd): at the rear next to the 2-leaf doors (without pillar). In the case of a pillar on rear doors WITHOUT REAR ARCH.
- Three (3) 6x8 mm coated steel cables with turnbuckles and hooks:
 - First (1st), second (2nd) and third (3rd): mounted in the centre or each hole with folding stainless steel rings welded to the handrail

OP HP6-2.10_06 Reinforced butterfly ceiling arches system change V.1.

- Two (2) steel-type arches painted by tube 120x80x6 mm S275 JR:
 - Equidistant assembly leaving three (3) equal gaps.
 - Reinforced bolted brackets and mounting bars with 30 mm diameter reinforced bolts.

HP6-2.11

Tin opener roll up 680 g/m² canvas top, with fall of 600 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) ALITE aluminium swing-away spring-loaded bayonets 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.

OPTIONS

OP HP6-2.11_01 Remove roof tarpaulin. (-135,0 kg).

HP6-2.11

OPTIONS

OP HP6-2.11_02 Añadir color lona carta RAL + franja blanca en el centro.

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						

OP HP6.2.11_03 Change canvas drop right side and fixed left side in running order.

OP HP6-2.11_04 Add roll-up can opener mesh.

OP HP6-2.11_05 Add mesh to cover load 15.000 x 5.000 mm + hooks to welded on band.

OP HP6-2.11_06 Changing canvas roof for Cramaro cabriole type C manual + elec + radio. (+155,0 kg).

- Electric drive with manual control panel and radio control.
- 680 g/m² PVC tarpaulin in RAL colour. RAL 9010, RAL 3002, RAL 1030, RAL 7038, RAL 6026, RAL 5002 and RAL 2008.
- 130 mm long type C side straps. 100 mm side canvas drop.
- Arches with a central arch 200 mm high at the centre. Optional 300-400-500 mm.
- Automatic folding rear trolley.
- Change to a system of 5 black anodized aluminium straight rings with screw-on supports. Modification point 2.10.

OP HP6-2.11_07 Changing canvas roof for ALITE butterfly hydraulic roof. (+315,0 kg). Configuration B1 ó B2.

- Operation by 4 double acting hydraulic cylinders with chains and blocking valve.
- Screw mounting.
- Integral wings in aluminium. Manual locking control of the wings.
- Hydraulic system with manual and electric distributor.
- Control block with limiter and emergency stop valve. With drive speed regulator.

HP6-2.12

Two (2) pulling rings at the rear.

OPTIONS

OP HP6-2.12_01 Add four (4) rings to the chassis for the mooring of the vehicle on board.

HP6-2.13	Electrical and pneumatic connections 600 mm from the coupling pivot plate. Watertight box with electrical connectors ISO 3731 (24 N) + ISO 1185 (24 s) + ISO 12098 (15 P) and red and yellow ISO 1728 tires.	
	OPTIONS	
OP HP6-2.13_01	Electrical connections height change to 1.000 mm.	
HP6-2.14	Hydraulic connections 250 mm from the coupling pivot plate with 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).	
	OPCIONES	
	OP HP6-2.14_01	Electrical connections height change to 800 mm.
	OP HP6-2.14_02	Add auxiliary hydraulic set 1 drive (manual/electric).
OP HP6-2.14_03	Add auxiliary hydraulic set 2 drives (manual/electric).	
HP6-2.15	Una (1) escalera de aluminio de 12 peldaños con soporte en el salvaciclistas.	
HP6-2.16	Body of the semitrailer finished in non-anodised raw aluminium.	
	OPCIONES	
OP HP6-2.16_01	Imp. epoxy finish + acrylic water p. RAL.	