



**SO THAT YOUR CARGO
DOESN'T PRODUCE SPILLAGE**



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The ALITE semi-trailer with open body and moving floor
for the transport without spillage of goods with liquids

100% WATERTIGHT

ELIMINATE YOUR ENVIRONMENTAL IMPACT DO NOT GENERATE SPILLS DURING TRANSPORT

The ALITE semi-trailer with a LEAK PROOF moving floor has an open cargo box with a rear liquid collection tank. Once the tank is full, the liquid can surpass the height of the floor without generating any spillage thanks to its sealed drawer and the rear hydraulic door with hermetic closure.



LESS ENVIRONMENTAL IMPACT THE TRANSPORT OF LIQUIDS IS POSSIBLE WITH YOUR ALITE LP WALKING FLOOR

IDEAL FOR URBAN SOLID WASTE (MSW)

With the LP moving floor, the leachate from urban waste will not be a problem for its transport. The moving floor option is more efficient (more efficient with the lowest cost) compared to other transport systems such as tippers and / or containers.

WITH ALITE YOUR BUSINESS WILL BE MORE PROFITABLE

HYDRAULIC REAR DOOR SYNCHRONIZED WITH HERMETIC LOCK

The rear door closes the cargo drawer and the liquid collection tank together and hermetically. The closing system has 6 synchronized hydraulic closures for perfect tightness.



LARGE VOLUME



OBSTACLE FREE DIAPHANOUS CARGO DRAWER

ALITE LP mounts the slat drive moving floor machine on the lower rear of the semi-trailer. In this way we can offer you a complete interior cargo space without hindrance. Other proposals mount the drive machine in the front part above the floor, which makes it necessary to place an inclined handlebar, with the consequent loss of effective useful volume. We can offer you an effective 2.5m³ more of useful volume.

IMPROVE YOUR INCOME

ON EACH TRIP YOU WILL HAVE THE HIGHEST POSSIBLE PAYLOAD

CROSS-FREE CONSTRUCTION

The slat system is mounted on a 35 mm high machined aluminum plank floor with no cross members. The mounting height is reduced compared to other constructions that mount trays on 80 mm crossbars.

We can offer you 1.5 m³ more of useful volume.

18-SHEET WALKING FLOOR SYSTEM

The LP semi-trailer mounts an 18-plank system to guarantee the shortest unloading time, compared to other 15-plank equipment.

Download in less time.



LIGHT

The image shows the interior of a large, industrial structure, likely a vehicle or a large container, made of aluminum. The walls and ceiling are made of corrugated aluminum panels. On the floor, numerous long, parallel aluminum beams are laid out, extending from the foreground towards the back. The beams are arranged in a way that creates a strong sense of perspective. The lighting is bright, coming from the left, casting long shadows across the floor.

LIGHTWEIGHT ALUMINUM MANUFACTURING

The vehicle is made almost entirely of aluminum, with the exception of the coupling pivot mounting plate and the suspension brackets and their bracing. These elements are bolt-on with double paint insulation and an insulating polymer adhesive

WE OFFER YOU THE LESS EMPTY WEIGHT SO YOU CAN LOAD THE MAXIMUM

MINIMUM WEIGHT WITH MAXIMUM RESISTANCE

We manufacture a continuous aluminum chassis with an 80 mm high neck. As the moving floor machine is mounted at the rear, it is not necessary to manufacture an oversized neck. The direct attachment of the floorboards to the chassis avoids the need to mount cross members, thereby saving material and reducing the mounting height.

FUEL SAVINGS

The aluminum construction allows us to offer you the lowest unladen weight to reduce the cost per kilometer made due to the low unladen weight of the vehicle.

ROBUST AND RESISTANT

EXTRUDED BEAMS AND COLD CUT

The best welding is the one that is not done. For this reason, we offer in all our vehicles extruded aluminum beams in a single piece and without welding, allowing us to guarantee a great finish on the chassis, in addition to offering a highly durable vehicle.

ROBUST CHASSIS

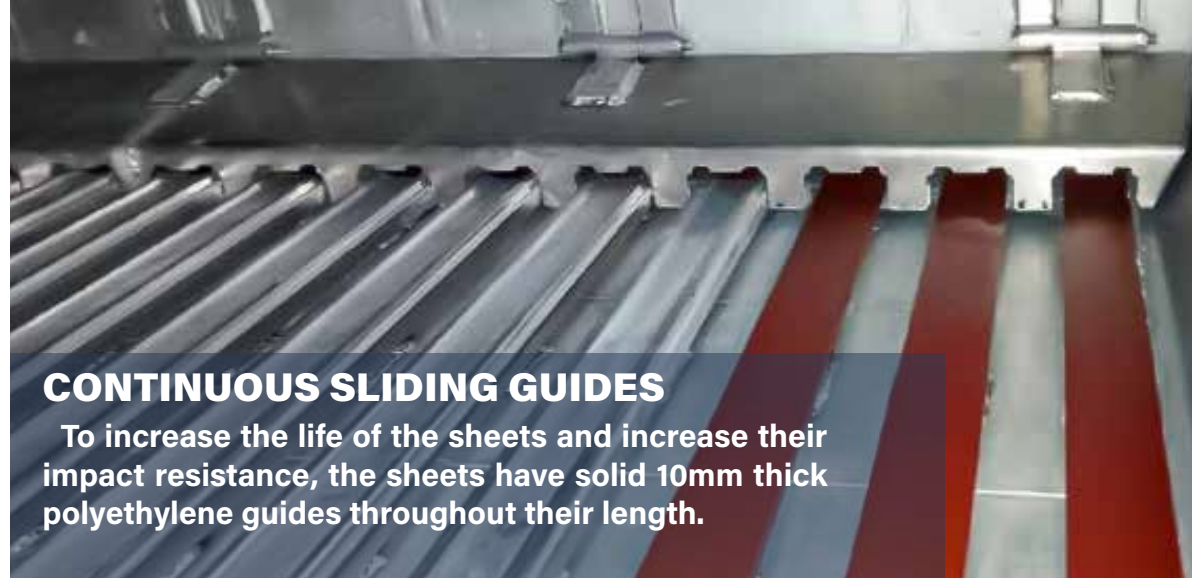
Our LP semi-trailer is very robust because the chassis is made of a 450 mm high double T sectional aluminum profile without welding. In addition, the profile is made of one-piece extrusion.





MACHEDBOARD FLOOR

The machembrada aluminum plank floor without crossbars.



CONTINUOUS SLIDING GUIDES

To increase the life of the sheets and increase their impact resistance, the sheets have solid 10mm thick polyethylene guides throughout their length.

ALITE IS A SAFE INVESTMENT YOUR WALKING FLOOR WITH A LONG USEFUL LIFE



REINFORCEMENT WEDGES

On vehicles with open roofs, additional reinforcement wedges are fitted to reinforce the panels and increase the strength of the assembly.



WALKING FLOOR SYSTEM OF 18 RESISTANT SHEETS GREAT IMPACT

The tips of the planks mount a reinforcement machined in DELRIN that slides on a solid aluminum plate. The useful life of the sheets is increased in the area of greatest wear and impact.



RELIABLE

WALKING FLOOR MACHINE OF OWN MANUFACTURE

The stems in contact with the fluids in the rear tank are made of AISI 304B stainless steel with a diameter of 75mm. The union to the cylinders is bolted for easy maintenance. Accessibility to the hydraulic machine is complete.

Other moving floor proposals of this type mount the drive machine at the front above the slats and below a protective bulkhead. In this way, access to the elements of the moving floor machine is extremely complicated, increasing maintenance times and costs.

**SO ROBUST
AND RESISTANT
THAT WE CAN
OFFER YOU
THE BEST
GUARANTEE(*)**

4 YEARS WARRANTY ON THE CHASSIS STRUCTURE

+

3 YEARS WARRANTY ON BPW AXLES OFF-ROAD USE

+

2 YEARS WARRANTY ON THE WALKING FLOOR MACHINE

WE CONTROL ALL THE PRODUCT

We can offer you the best guarantee because we control the manufacture of the main elements of the semi-trailer. In those standard components we use leading brands so that you can find spare parts anywhere. However, our staff and warehouse of components for the manufacture of vehicles is at your disposal online on our website www.grupo-alite.com



REDUCE EFFORT

Our innovative and exclusive system for bracing and securing the axles to the chassis beams is optimized to minimize the stresses and loads transmitted to the chassis. The high height of the chassis section considerably reduces the height of the suspension brackets, so that the transmitted loads are minimal.



MANUAL EMERGENCY OPERATIONS

In the event of failure of the electric drives, it is always possible to operate the moving floor machine and its accessories manually.

(*)You can consult our guarantee Policy at www.grupo-alite.eu

LP 100% (BULK GOODS WITH HIGH LIQUID CONTENT)

100% watertight moving floor semi-trailer model for the transport of bulk goods with high liquid content. Our lightweight design and construction maintains the reliability, strength and durability values of ALITE brand vehicles with the lowest possible curb weight.



The LP 100% model has a continuous chassis with a reinforced 80mm high neck to guarantee the highest load capacity. It mounts a hydraulically actuated hermetically closing door and the rear cantilever moving floor machine below the floor. Maximum load on the coupling pin (KP) is 16 tn. Useful interior height from the floor of the sheets of 2,730mm for a KP height of 1,150mm.

It comes standard with wheels with tires of dimensions 385/65 R22.5, possibility of mounting 385/55 R22.5.



- Equipment with 18 reinforced sheets for impacts with continuous sliding guides.
- Hydraulic door with 6 synchronized closures.
- Machembed aluminum panel board floor without 35mm high crossbars below the sheets.
- 650 l capacity rear liquid collector tank closed by the rear door.
- 100% complete tightness. Polymer sealed joints.

YOU CAN FIND THE TECHNICAL SHEET ON OUR WEBSITE WWW.GRUPO-ALITE.EU





You can configure the vehicle with the multiple options available to adapt it to your purpose according to your preferences. Our proposal starts from a base vehicle with various selectable options. We are a flexible factory with complete autonomy in the production of all components. You can see the complete information with ALL the possibilities in its technical sheet.



LP SEMI (BULK GOODS WITH LOW LIQUID CONTENT)

It is a more economical reduced version of the 100% LP model intended for bulk goods with a low liquid content. His design and lightweight construction maintains the values of reliability, resistance and durability of ALITE brand vehicles with the lowest empty weight possible.



The model has a reinforced self-supporting type continuous chassis to guarantee the highest load capacity. Assemble a hermetic door with a drive that guarantees a partial tight closure.

Maximum load on the coupling pin (KP) of 16 tn. Useful interior height from the floor of the sheets of 2,730 mm for a KP height of 1,150 mm.

It comes standard with wheels with tires of dimensions 385/65 R22.5, possibility of mounting 385/55 R22.5.



- Equipment with 18 reinforced sheets for impacts with continuous sliding guides.
- Hydraulic door with 6 synchronized closures.
- 5 - 6 mm aluminum sheet floor welded on 80 mm double T aluminum cross members.
- Guaranteed tightness 30 mm above the sheet metal floor.

YOU CAN FIND THE TECHNICAL SHEET ON OUR WEBSITE WWW.GRUPO-ALITE.EU





The semi-trailer mounts a sheet metal floor with grooves in the area where the sheets are tied to the movement groups of the moving floor machine for the collection of fluids. The moving floor machine installation is located in the central part of the semi-trailer.

In this way, a watertightness is guaranteed up to a height of 30 mm above the sheet metal floor that acts as a collecting tray. Access to the moving floor machine is easy and complete analogous to a standard moving floor vehicle.

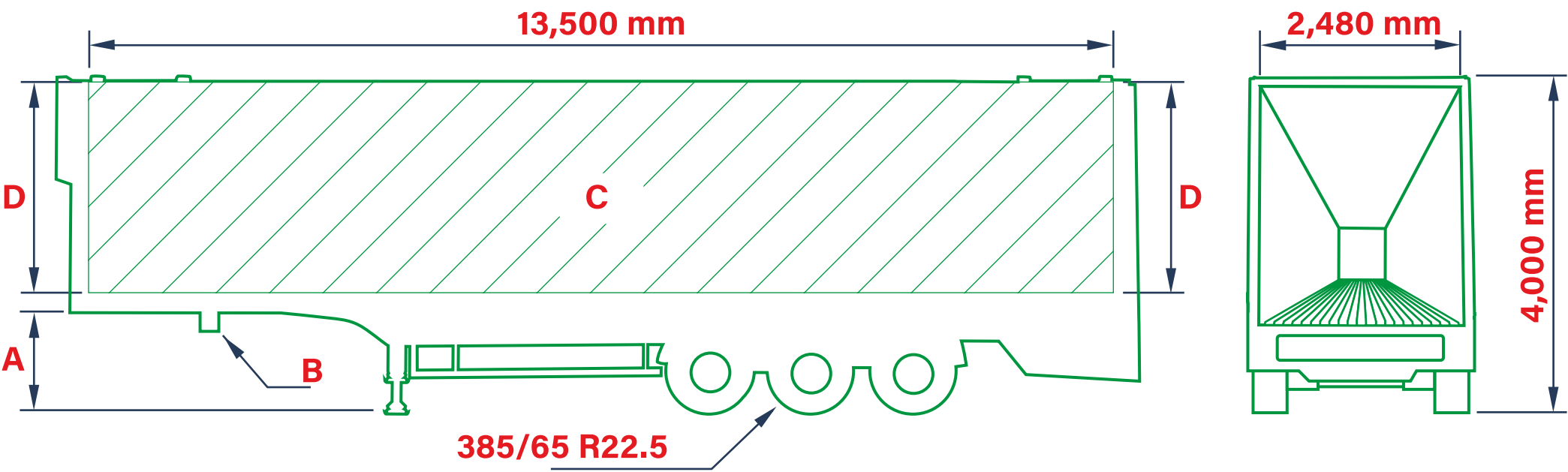
You can configure the vehicle with the multiple options available to adapt it to your purpose according to your preferences. Our proposal starts from a base vehicle with various selectable options. We are a flexible factory with complete autonomy in the production of all components. You can see the complete information with ALL the possibilities in its technical sheet.



TECHNICAL COMPARISON

Compare the two available models of our Leak Prof product in the following table, taking into account the capacities and technical characteristics of the vehicles previously seen. You can download the complete technical sheet for each model at www.grupo-alite.com

1	VALUE	A	B	C	D	EMPTY WEIGH
	MODEL	HEIGHT KP (mm)	TPMM KP* (kg)	USEFUL VOLUME (m³)	USEFUL HEIGHT (mm)	STANDARD VERSION (kg)
	LEAK PROOF 100 %	1,150 (1,150-1,200)	16,000	91.4	2,730	9,175
2	SEMI LEAK PROOF	1,120 (1,100-1,150)	16,000	91.4	2,730	8,220



* TPMM = Technically Permissible Maximum Mass.

OUR PASSION FOR THE SMALL DETAILS



STAINLESS STEEL
AISI 304B



STAINLESS STEEL. AISI 304B



2 CENTRAL LOCKS
4 SIDE SEALS



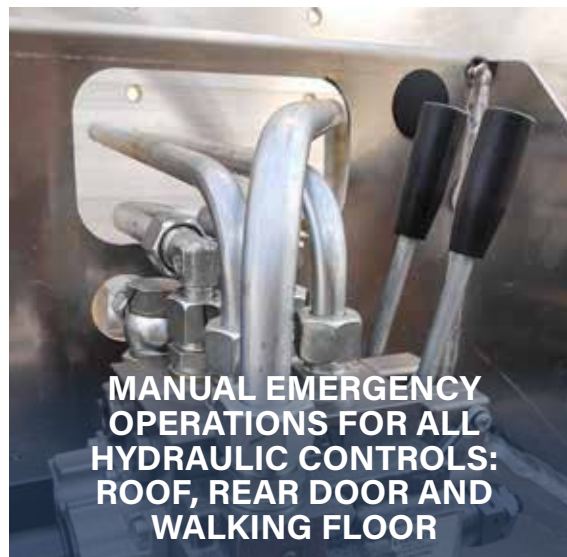
LIFTING ARMS IN
STAINLESS STEEL AISI 304B



1 ONLY BUTTON PER
OPERATION



PROTECTION IN MUDGUARD
TUBES, INTEGRAL TYPE
FENDERS IN POLYETHYLENE



MANUAL EMERGENCY
OPERATIONS FOR ALL
HYDRAULIC CONTROLS:
ROOF, REAR DOOR AND
WALKING FLOOR



ANTI-WEAR REINFORCEMENT
ON THE TIPS OF THE HIGH
PERFORMANCE DELRIN
PLANKS

THE BEST STANDARD EQUIPMENT

1 HYDRAULIC ROOF TYPE BUTTERFLY WINGS

680 g / m² canvas roof in RAL chart color.

Hydraulic valve of own manufacture to avoid problems caused by wrong connection when exchanging the pressure hose by the return hose. I know prevent breakdowns in walking floor equipment.

3 SECURITY VALVE



2 SWEEPING CANVAS

Tarpaulin canvas mounted on a bar with sliding carriages. The caroches are of stainless steel and Montana standard type bearings easily removable for maintenance simple.



Panel for monitoring the system parameters and messages vehicle brakes. Enter the function scale for the tridem.

4 INFORMATION DISPLAY



4

5

REINFORCED REMOVABLE ARCH

STRUCTURAL TUBE 120x80x6 mm S275JR



TOWING RINGS

6

Two rear towing eyes bolted to the chassis beams.



7

WALKING FLOOR CONTROL PANEL

To control the moving floor, it includes:

- Control panel with panel and keypad
- Radio control
- Control via cable



SUPPORT FOR SPARE WHEEL

8

Wheel bracket spindle type replacement bolted to the chassis.



6

BACK DOOR

11

UPPER CROSS

Made of aluminum tube 160x80x8 mm of fixed type welded.

THE BEST STANDARD EQUIPMENT

HERMETIC REAR DOOR WITH HYDRAULIC OPERATION AND SYNCHRONIZED LATCHES

HYDRAULIC ROOF TYPE BUTTERFLY WING ALITE OF OWN MANUFACTURE



DRIVES

Simple and robust in-house hydraulic system. Its assembly is modular, bolted and mounts standard double-acting cylinders and a chain.

HYDRAULIC ROOF

ADAPTABILITY

We think down to the smallest detail in order to guarantee you the greatest satisfaction. For this reason, our designs are in constant innovation in order to offer you the solution that best suits your needs. We have a wide range of options so you can customize your vehicle.

OPTIONS

ALUMINUM FIXED ROOF + REAR HYDRAULIC MOBILE ROOF 3.000mm



ROOF MANUAL ROLLER TYPE CAN OPENER



ELECTRIC AUTOMATIC SLIDING ROOF



FOLDING AND SWIVELING ALUMINUM ARCHES

SIDE SWIVEL



FOLDING UP



PARTIAL INTERIOR REINFORCEMENT

REINFORCEMENT

COMPLETE INTERIOR REINFORCEMENT

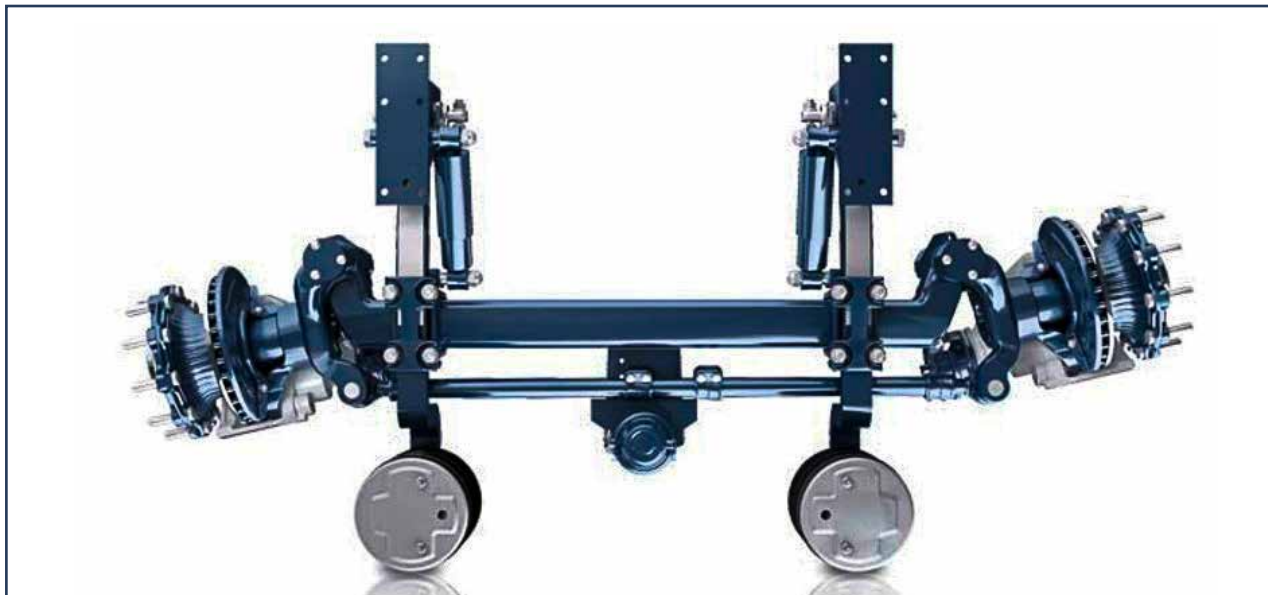
BODYBUILDERS AND OTHERS



ALUMINUM LEGS WITH MANUAL EXTENSION



ADAPTABLE BOX HEIGHT: FROM 1,400 TO 3,000 mm
ADAPTABLE BOX LENGTH: FROM 10,000 TO 13,650 mm



SELF-STEERING 3RD AXLE ASSEMBLY BPW WITH BANK



**FINISHED IN ANY RAL
CHARTER COLOR**

EXTENSIBLE STEEL ANTI-STOP



INSIDE ALUMINUM WALL



WASHING SYSTEM



**ADD 4 RINGS TO THE CHASSIS FOR THE
MOORING OF THE VEHICLE ON BOARD**



ACCESSORIES



AUTONOMOUS DIESEL ENGINE FOR WALKING FLOOR



REAR DRAWER FOR ACCESSORIES



GRUPOS ÓPTICOS TRASEROS PERSONALIZADOS



BPW AIRSAVE SELF-PUMPING SYSTEM



ALITE



ALP
LEAK PROOF

Albacete se siente bien,
la provincia se siente limpia.

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Albacete se siente bien,
la provincia se siente limpia.

ALP
LEAK PROOF

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