





## WITH ALITE YOU HAVE ACHIEVED THE RIGHT BALANCE WE OFFER YOU THE LOWEST COST PER CUBIC METER TRANSPORTED









#### **INSURANCE**

The vehicle includes as standard all the elements to aid braking and stability for a safe driving. It helps traction, stability control during braking and brake pad wear sensors among others.

## LONGER TRIPS WILL BE CLOSER TO YOU



# LIGHT

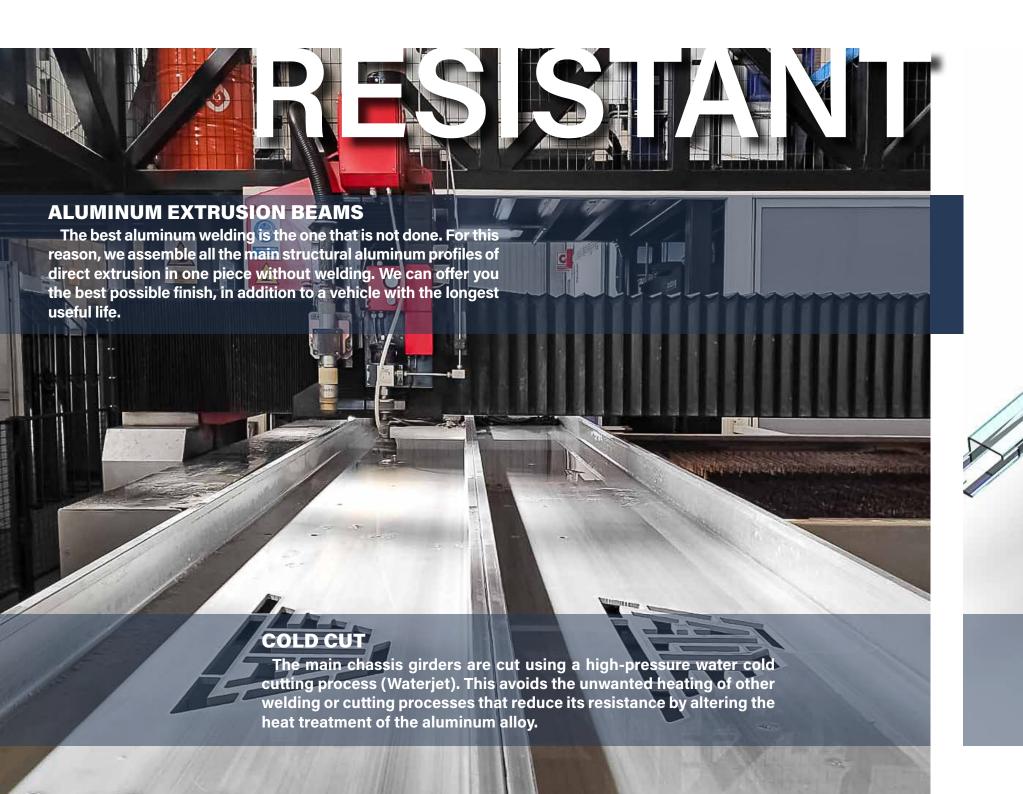
#### **ALUMINIUM MANUFACTURING**

The vehicle is made almost entirely of aluminum, except for 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.

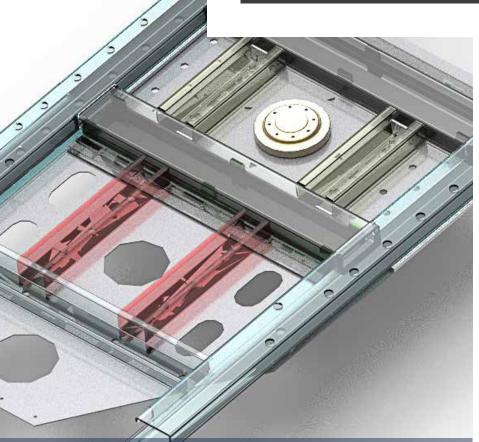


## WE GIVE YOU THE HIGHEST LOAD CAPACITY





# ALITE IS A SAFE INVESTMENT YOUR DURABLE WALKING FLOOR



#### **SOLID CONSTRUCTION**

The reinforcement crossbars in the chassis coupling pivot are welded and also machined. In this way, the strength of the joint does not depend solely on the welding process. This achieves greater resistance to fatigue.



#### **REINFORCED**

All the cross members for fixing the walking floor to the body side panels incorporate welded reinforcement brackets. In this way the construction of the whole is reinforced.

# BEIABLE

#### **WE CONTROL ALL THE PRODUCT**

We manufacture our own walking floor machine. That is why we can offer you the best guarantee. Its design is aimed at reducing maintenance and repair costs. We also guarantee the use of standard type sealing and control elements that can be easily and economically replaced anywhere.

#### **REDUCE EFFORT**

Our innovative and exclusive system of bracing and fixing 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.





SO ROBUST AND RESISTANT THAT WE CAN OFFER YOU THE BEST GUARANTEE(\*) **8 YEARS** WARRANTY ON BPW AXLES (5 + 3) ON-ROAD USE

**4 YEARS** WARRANTY ON THE CHASSIS STRUCTURE

**2 YEARS** WARRANTY ON THE WALKING FLOOR MACHINE

#### MOBILE APARTMENT SUITABLE FOR THE PASSING OF VEHICLES

The minimum distance between crossbars and the mounting of sliding blocks with a base tube on all crossbars improves the sliding of the sheets and allows the passage of forklifts.





### WITH ALITE YOU INCREASE YOUR INCOME

YOUR WALKING FLOOR WITH THE LOWEST COST OF MAINTENANCE





### FAMILY HP CONICAL FULL

Our design, manufacture, and total control of the manufacture of the vehicle allows us to offer you the greatest possibilities for customization; according to the type of load, use and preferences. Depending on the height of the coupling pin and its load capacity, we can distinguish two models of the Conical Full family: KP LOW and KP HIGH.



The models of the Conical Full family mount the 385/55 R22.5 wheel and offer you the highest possible load volume thanks to their lowered chassis and the maximum conciseness of their bodywork.



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.

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

FOR DRY LOADS IN BULK AND / OR PALLETIZED.
AGRICULTURE, INDUSTRIAL, LIGHT WASTE SECTOR ...

#### **CONICAL FULL FAMILY MODELS**





#### **HP CONICAL FULL KP-LOW**

For a fifth wheel height of your tractor unit from 1,100 to 1,150 mm. With a maximum load on the coupling pin (KP) of 12 tn. Maximum volume of 95 m<sup>3</sup> at 4,000 mm from the ground with KP = 1,120 mm.

For a fifth wheel height of your tractor unit from 1,200 to 1,250 mm. With a maximum load on the coupling pin (KP) of 16 tn. Maximum volume of 93 m<sup>3</sup> at 4,000 mm from the ground with KP = 1,200 mm.

CHOOSE THE MODEL THAT BEST FITS YOUR TRACTOR HEAD WITH WHEELS ON THE 385/55 R22.5 SEMI-TRAILER.

### FAMILY HP CONICAL HALF

Our design, manufacture, and total control of the manufacture of the vehicle allows us to offer you the greatest possibilities for customization; according to the type of load, use and preferences. Depending on the height of the coupling pin and its load capacity, we can distinguish two models of the Conical Half family: KP LOW and KP HIGH.



The models of the Conical Half family mount the 385/65 R22.5 wheel and offer you the highest possible load volume thanks to its lowered chassis and the maximum conciseness of its body.



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.

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AGRICULTURE, INDUSTRIAL, LIGHT WASTE SECTOR ...

#### **CONICAL HALF FAMILY MODELS**





#### HP CONICAL HALF KP-LOW

For a fifth wheel height of your tractor unit from 1,100 to 1,150 mm. With a maximum load on the coupling pin (KP) of 12 tn. Maximum volume of  $94 \text{ m}^3$  at 4,000 mm from the ground with KP = 1,120 mm.

#### **HP CONICAL HALF KP-HIGH**

For a fifth wheel height of your tractor unit from 1,200 to 1,250 mm. With a maximum load on the coupling pin (KP) of 16 tn. Maximum volume of 91  $m^3$  at 4,000 mm from the ground with KP = 1,200 mm.

CHOOSE THE MODEL THAT BEST SUITS YOUR TRACTOR HEAD WITH WHEELS ON THE 385/65 R22.5 SEMI-TRAILER

### HP LIGHT (EMPTY WEIGHT 6.780 kg)

When the lowest curb weight is your priority for your vehicle selection, the HP Light model offers the lowest possible curb weight in the HP range with a lightweight construction and wheels with 385/55 R22.5 tires.



The HP Light model is the lightweight version of the entire HP range. Its optimized design and lightweight construction maintain the reliability, strength and durability values of ALITE brand vehicles with the lowest possible unladen weight.



- •Aluminum support legs.
- Platform and box construction lightened.
- Equipment with 21 lightened 6 mm planks.
- •Vehicle without accessories: tool drawers, water tank and fire extinguishers.

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.

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### HP VOLUME (MAX VOLUME 99 m<sup>3</sup>)

When the highest payload volume is your priority value for your vehicle selection, the HP Volume model offers you the highest payload volume in the HP range with extreme body taper and wheels with 355/50 R22.5 tires.

The HP Volume model is the maximum usable volume version of the entire HP range. Its optimized design and extreme conical construction require towing with a towing head with a fifth wheel height of 1,000 to 1,050 mm and the mounting of 355/50 R22.5 tires on the semi-trailer.





- Standard electronic air suspension with 3 ride heights, two of them for OFF-ROAD circulation.
- Wheels with 355/50 R22.5 tires. Maximum permissible technical mass limitation to 8,000 kg per axle.

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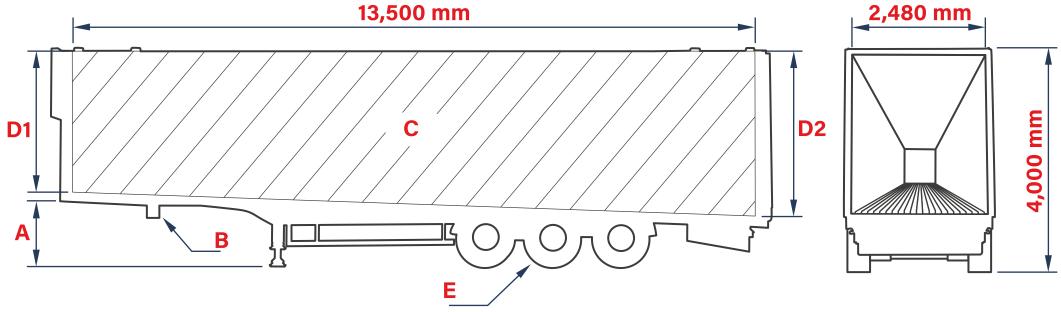
### **TECHNICAL COMPARISON**

Below we show you a comparative table according to the technical characteristics of the vehicles seen above: Conical Full, Conical High, Light and Volume models.

	VALUE MODEL	A HEIGH KP (mm)	B TPMM KP * (kg)	C USEFUL VOLUME (m³)	USEFUL HEIGHT (mm) FRONT / BACK	E TIRE	EMPTY WEIGHT standard version (kg)
1	HP CONICAL FULL KP LOW	1,120 (1,100 - 1,150)	12,000	94.8	2,730 / 2,930	385/55 R22.5	7,580
2	HP CONICAL FULL KP HIGH	1,200 (1,200 - 1,250)	16,000	92.3	2,650 / 2,860	385/55 R22.5	7,650
3	HP CONICAL HALF KP LOW	1,120 (1,100 - 1,150)	12,000	93.6	2,730 / 2,860	385/65 R22.5	7,480
4	HP CONICAL HALF KP HIGH	1.200 (1,200 - 1,250)	16,000	90.6	2,650 / 2,760	385/65 R22.5	7,550
5	HP LIGHT	1,120 (1,100 - 1,150)	12,000	94.8	2,730 / 2,930	385/55 R22.5	6,880
6	HP VOLUME	1,000 (1,000 - 1,050)	12,000	98.8	2,850 / 3,000	355/50 R22.5	7.670

<sup>\*</sup> TPMM = Technically Permissible Maximum Mass.

#### Here is an outline that can help you:



IF YOU NEED MORE INFORMATION, ASK US FOR THE TECHNICAL DATA OF THE VEHICLE YOU WANT AND WE WILL SEND IT TO YOU WITHOUT COMMITMENT. YOU CAN ALSO DOWNLOAD IT IN A SIMPLE AND QUICK WAY ON OUR WEBSITE:

**WWW.GRUPO-ALITE.EU** 



### THE BEST STANDARD EQUIPMENT

#### MANUAL TARPAULIN ROOF

680 g / m² roll-up canvas roof of manual type with 600 mm drop on the left side in running order and fixed with ratchets on the right side.

Hydraulic valve of our own manufacture to avoid problems caused by wrong connection when exchanging the pressure hose for the return hose. Walking floor equipment breakdowns are avoided.

#### **SECURITY VALVE**

3



#### 2 SWEEPING CANVAS

Sliding sweeper mat mounted on a bar with sliding carriages. The trolleys are made of stainless steel and are fitted with easily removable standard type bearings for easy maintenance.



Panel for monitoring the parameters and warnings of the vehicle's brake system. Incorporates the scale function for the tridem.

#### **INFORMATION DISPLAY**



#### **5** BAYONETS

We manufacture our aluminum bayonets. Its assembly is screwed, and they can be lowered manually. Have of an automatic turn spring return with spring. Bearing Arnite axial and bearing Maintenance free TX for the spin.



#### **TOWING RINGS**

6

Two towing eyes on the rear bolted to the chassis beams.



#### WALKING FLOOR CONTROL PANEL

To control the moving floor, it includes:

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



### SPARE WHEEL SUPPORT

Wheel bracket spindle type replacement bolted to the chassis.



6

### THE BEST STANDARD EQUIPMENT

#### **PNEUMATIC LOCK**

9

Additional pneumatic safety closing system for the rear doors with manual operation with a button on the chassis.



#### 10 AUXILIARY LADDER

12-step aluminum ladder with support on the cyclist lifter.

#### **1** PLANK WEDGES

Cast aluminum welded wedges.

#### **ACCESS LADDER**

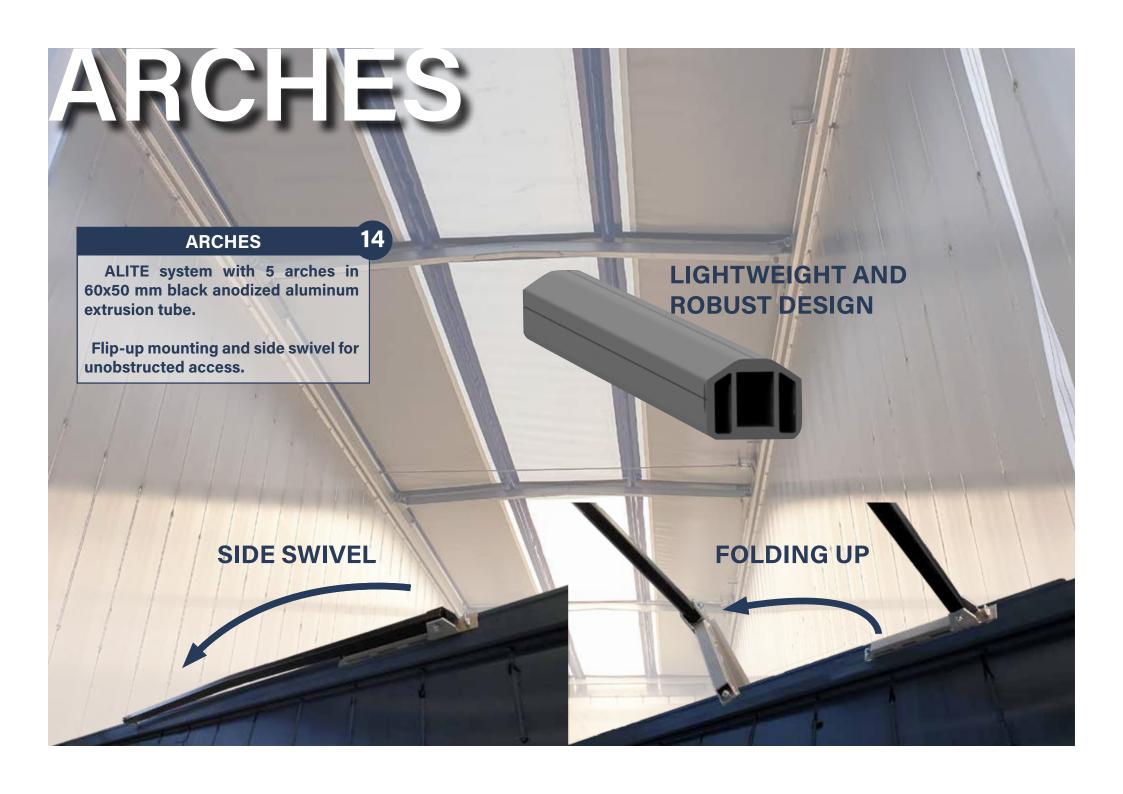
**12** 

Three-step retractable ladder located at the rear to facilitate access to the interior.

13

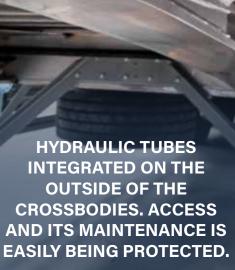
#### **13** PILOT PROTECTION

Aluminum manual flip covers integrated into the rear of the vehicle to protect the drivers.



# OUR PASSION FOR THE SMALL DETAILS

















REMOVABLE BEARING WHEELS IN THE CARRIAGES OF THE TROLLEYS FOR FRONT SWEEPERS. ECONOMIC AND SIMPLE SUBSTITUTION.







FINISHED IN WATER-BASED ACRYLIC PAINT. MORE RESPECTFUL SYSTEM WITH THE ENVIRONMENT.



### **ADAPTABILITY**

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

## <u>OPTIONS</u>

#### **ROTATING REAR ALUMINUM CROSSBAR**

The left wing of the door incorporates a spring lock for simultaneous opening of the upper cross member with the door wing

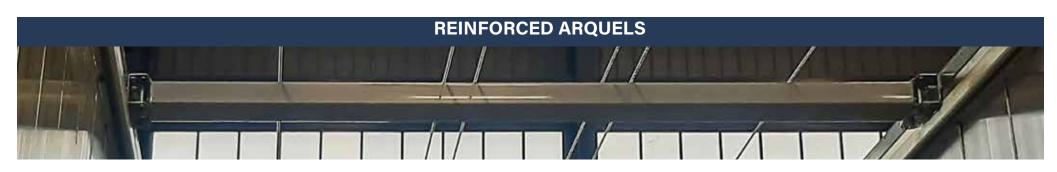


#### **ALUMINUM REINFORCED FIXED REAR MELT**













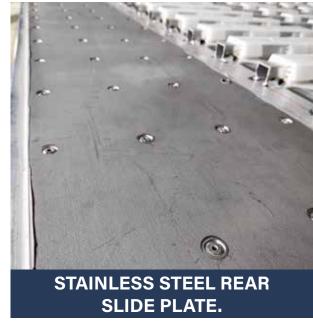


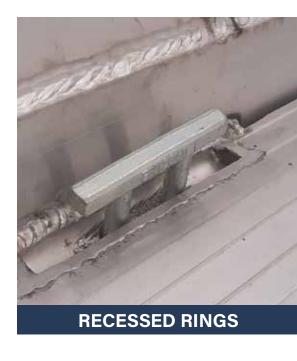














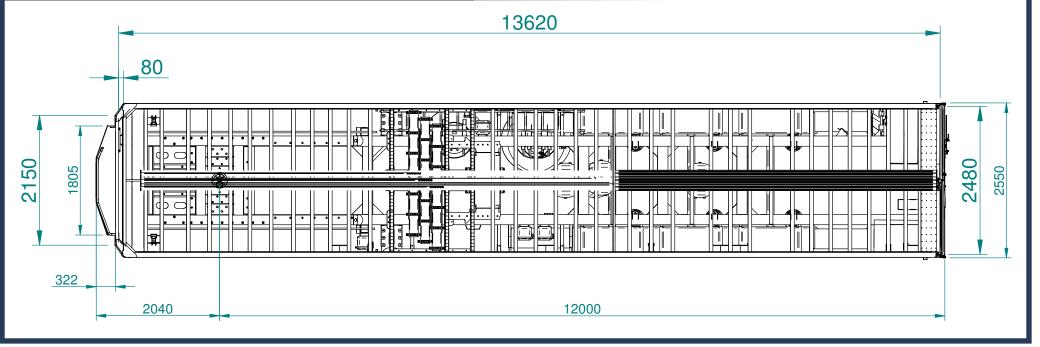


**REAR DRAWER BETWEEN CHASSIS** 



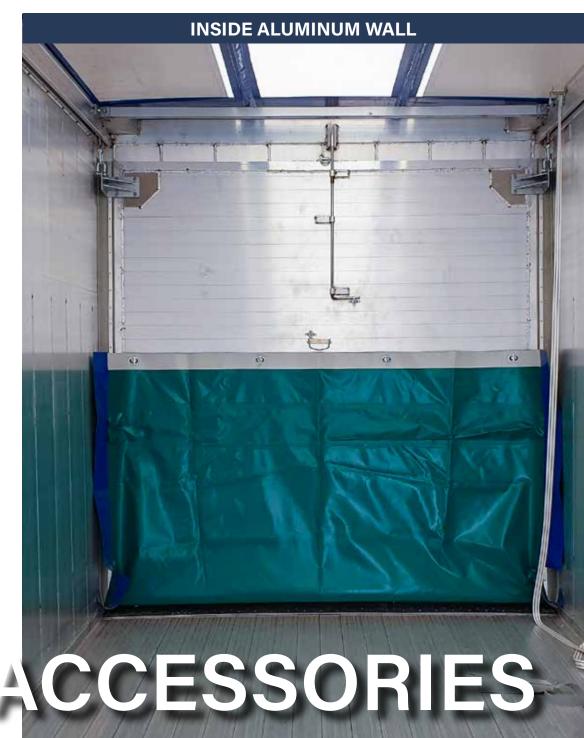


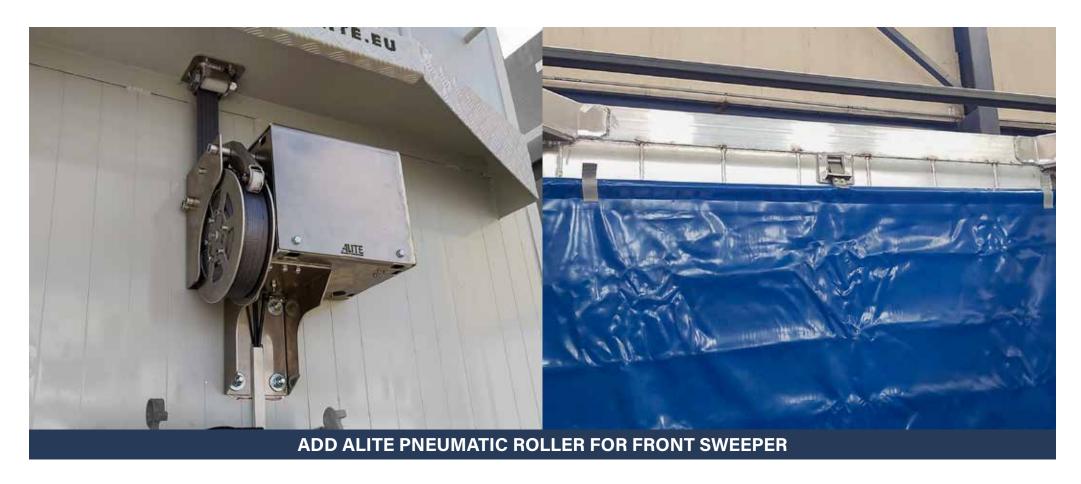








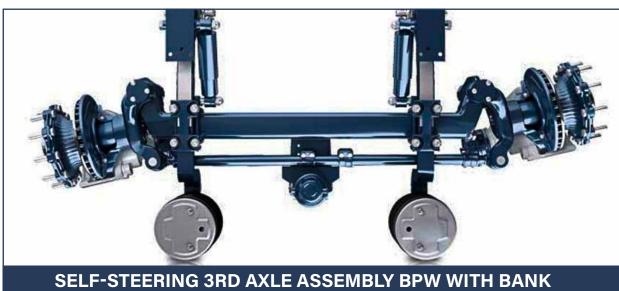












**MOORING OF THE VEHICLE ON BOARD** 







