

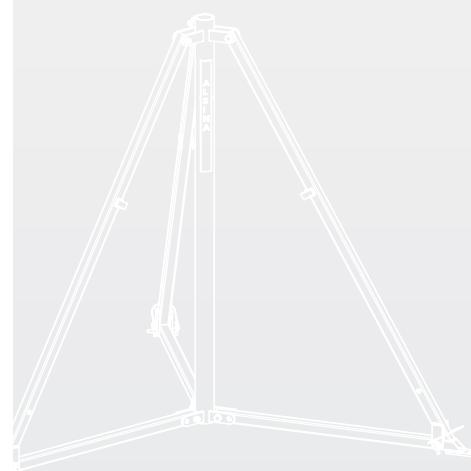
Alsipercha

Application to load/unload trucks
from a trailer.

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Alsipercha Tripod

Alsipercha Tripod assembly procedure

THE ALSIPERCHA TRIPOD, together with Alsipercha, is a solution that allows operators to safely load/unload trucks from a trailer.

The ALSIPERCHA TRIPOD is folded up when it is delivered onsite. Once it has been placed in its work position, it is assembled according to the following steps:

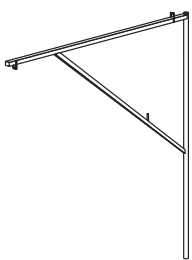



IMPORTANT NOTE: It is very important to assemble the ALSIPERCHA TRIPOD on sufficiently compact ground so that it can be securely anchored. There are various ground/sole plate/foundation options:

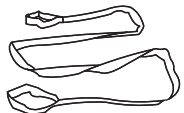
- Install a 250x250 cm concrete foundation that is 20 cm thick. In this case, the anchor will involve installing 3 “HIGH STRENGTH FH FISCHER ANCHORS 18X18/25 FOR M12.”
- Place the tripod on a 250x250 cm steel plate that is 4 cm thick with three previously drilled threaded holes M18, through which the anchors will pass (in this case, they will be M18x50 DIN933 galvanized grade 8.8 bolt with a M18 DIN 125-A washer).

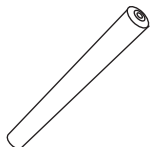


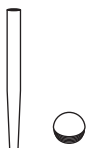
Component description

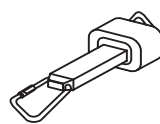
	FAS BODY S.A.		
	Description: Inverted "L" shaped unit, anchored in the column with a working radius of 6.5 m that allows access to a surface area of 125 m ² .		
	code	dimensions (m)	weight (kg)
	84411		77.28

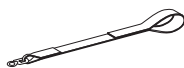
	HOOK S.A.		
	Description: Component used to bring the Alsipercha fall arrest system closer to the worker when changing the anchorage.		
	code	dimensions (cm)	weight (kg)
	83418	9 X 4	2

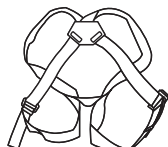
	SLING		
	Description: An essential component used to move the assembly with a crane, to take it to the column, or remove it once the work is complete.		
	code	dimensions (m)	weight (kg)
	84414		0.62

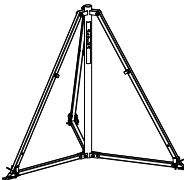
	CYLINDRICAL LEVELLER S.A.		
	Description: Component that is introduced into the cast-in tube, in order to ensure its verticality and prevent the Housing Tube S.A. from rising under the pressure of the concrete.		
	code	dimensions (m)	weight (kg)
	83416		3.96

	HOUSING TUBE S.A.		
	Description: Component that is sunk into the concrete column and houses the Alsipercha fall arrest system.		
	code	dimensions (m)	weight (kg)
	84410		2.71

	RETRACTABLE ELEMENT WITH PROTECTOR		
	Description: Retractable element that is blocked by sudden acceleration.		
	Code	Dimensions (m)	Weight (kg)
	8441205	10 m of cable	1.599

	HARNESS EXTENSION W/CLASP S.A.		
	Description: Component joining the operator to the retractable device with 1.5 m maximum length.		
	code	dimensions (m)	weight (kg)
	84422		0.31

	HARNESS S.A.		
	Description: Device anchoring the operator to the Alsipercha fall arrest system.		
	code	dimensions (m)	weight (kg)
	84415		1

	TRIPOD S.A.		
	Description: Element that supports and stabilizes the Alsipercha.		
	Code	Dimensions (m)	Weight (kg)
	84475		89,17

Assembly

Step 1

To open the tripod feet, release the connecting PINS.



Step 2

Once the pin has been released, the first foot will open.



Step 3

Secure it in the open position by placing the pin in the R position.



Step 4

ALSINA TRIPOD with one foot open.



Step 5

Turn the TRIPOD 180 degrees, open the second foot, and place it upright. Use an anchoring element to secure the tripod to a high, fixed point so the structure does not overturn. Proceed to open the third foot.



Step 6

ALSINA TRIPOD in the working position.



Step 7

On the HA25 concrete sole plate, drill with an 18 mm-diameter bit to a depth of 120 mm.



Step 8

Install HIGH STRENGTH FH FISCHER ANCHORS 18X18/25 FOR M12.



Step 9

With a dynamometric wrench, torque to 80 Nm. Repeat for all three anchors. Finally, using the crane, place the Alsipercha on top of the ALSIPERCHA TRIPOD.



Procedure for use on site

General Information

The distance from the anchoring point to the ground is 5.5 meters, meaning that the operator can work above the truck load in complete safety. The diameter of the circular surface occupied by the tripod base is 2.7 meters

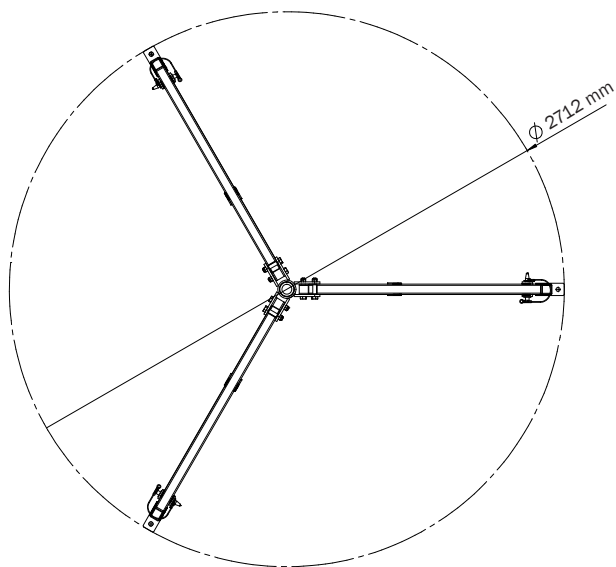
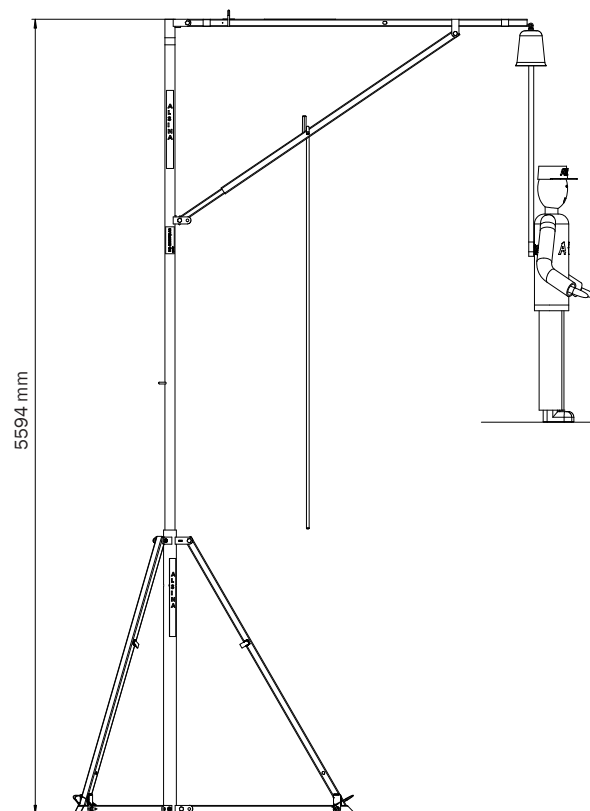
Safety information

The Alsipercha is only for the operations indicated in this document, to prevent them from falling when loading on or unloading from delivery vehicle platforms.

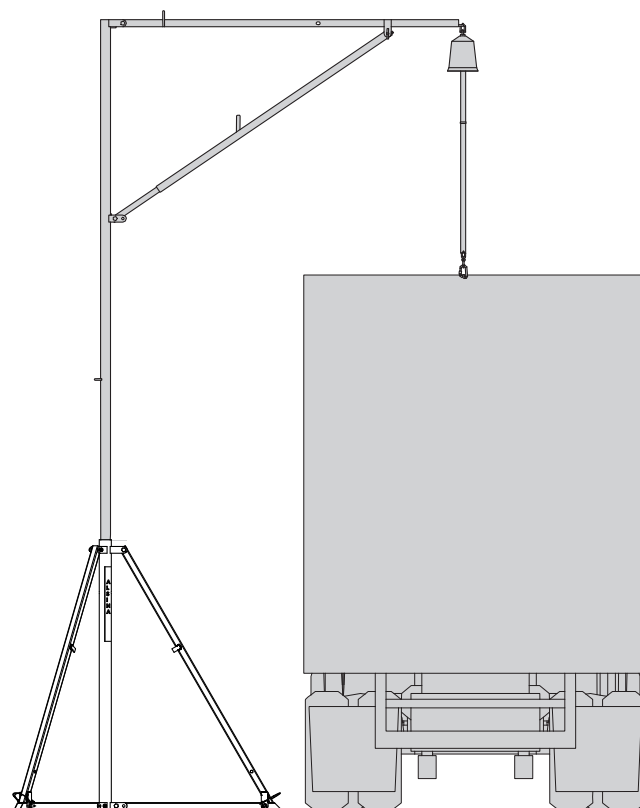
Other spare parts that are not supplied with the system must not be used.

Check all the parts of the Alsina unloading system components before installing. Never use the equipment if it is damaged or rusty, as this may affect its safety.

If anyone falls when using the Alsipercha system, the retractable system must be withdrawn from service and inspected by an appropriate person. If you have any queries, please contact Encofrados Alsina.

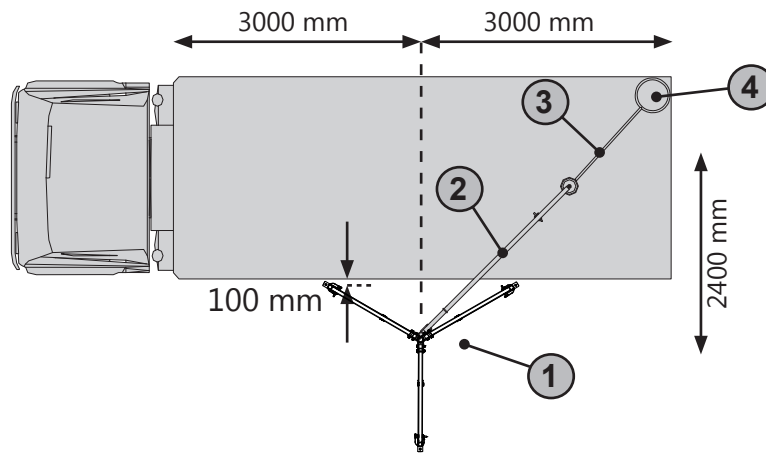


Final assembly



Trucks that are 6.09 m (20 feet) long

To unload the platform of a 6 m truck, a unloading system is needed. It must be positioned in the centre of the truck with at least 100 mm between the edge of the base and the truck. See below:

**LEGEND**

- 1. Alsipercha unloading system
- 2. Alsipercha System
- 3. 10 m. retractable element
- 4. Operator

Any operator unloading a truck with a 6 meter platform, must use:

- suitable footwear
- a reflective jacket and a helmet with chin protection
- a safety harness
- 0.3 m additional extension rope for subsequent anchoring

Once the operator has the PPE correct (Personal Protection Equipment), he can hang the additional 0.3 m rope on his harness by rolling it up and attach the other end of the fall arrest device to the retractable element with a snap hook.

The fall-stop device must include a retractable 10 m inertia reel.

The operator must be connected to the system before accessing the platform.

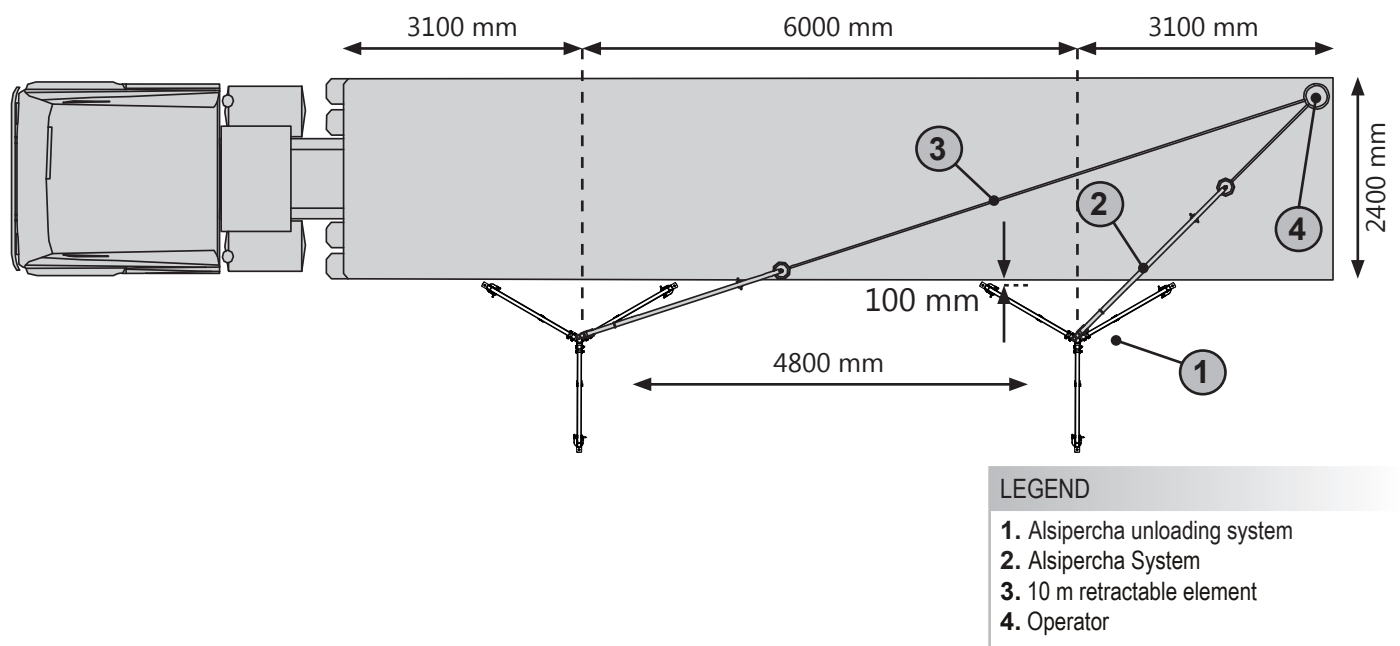
Trucks that are 12.18 m (40 feet) long

As shown in the following illustration, when loading and unloading a truck of 12 m, it is necessary to use two Alsipercha systems.

The edge of each base is to be placed 100 mm from the edge of the truck.

The operator must be attached to two Alsipercha systems. This will help him control the movement on the 12 meters long platform in the event of a fall.

If it should be necessary to access the outer corners of the platform, it is best to move the truck to ensure that the operator is within a range of 3.5 m from the structure.



Any operator unloading a truck with 12 m platform, must use:

- suitable footwear
- a reflective jacket and a helmet with chin protection
- a safety harness
- 0.3 m additional extension rope for subsequent anchoring

Once the operator has the correct PPE (Personal Protection Equipment) he can hang the additional 0.3 m rope on his harness by rolling it up and attach the other end of the fall arrest device to the retractable element with a snap hook.

The fall arrest device is comprised of a retractable inertia reel of 10 meters, to allow the operator to move freely to the ends of the truck.

The operator must be connected to the system before accessing the platform.