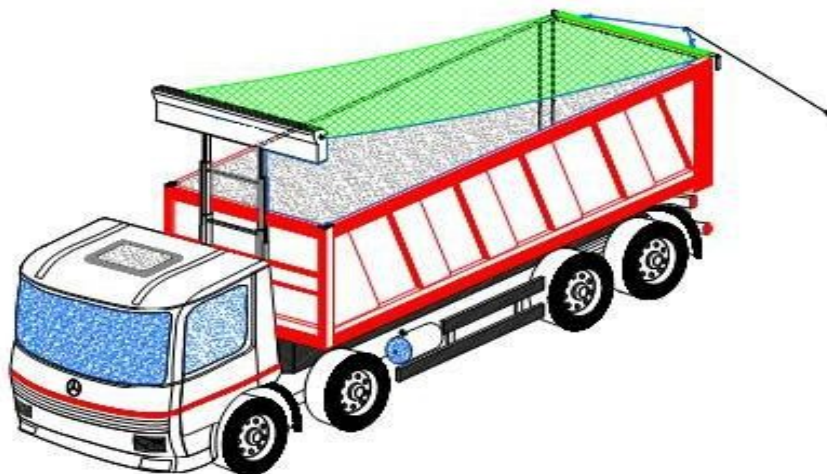


# **E O S**

## **EOS-Enviro-Systems**

### **EOS-ENVIRO TARP SYSTEM CT 626**



**TECHNICAL SPECIFICATIONS**

**COVER WITH HEIGHT-ADJUSTABLE TARPAULIN**

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## DESCRIPTION OF THE COVER

The COVER-TRUCK cover is an auxiliary installation for a cover that has been specially developed to counteract the disadvantages that all covers of this type have.

Normally, these covers are characterised by the BIG DISADVANTAGE of having a tarpaulin that is extended by simple manual traction, and it is unfolded from the ground, therefore in an UNFAVOURABLE position from which it is difficult to control the tarpaulin, and impossible to see when and where it gets tangled up which can sometimes cause irreparable damage.

To solve this problem, the COVER-TRUCK cover has been made combining two systems:

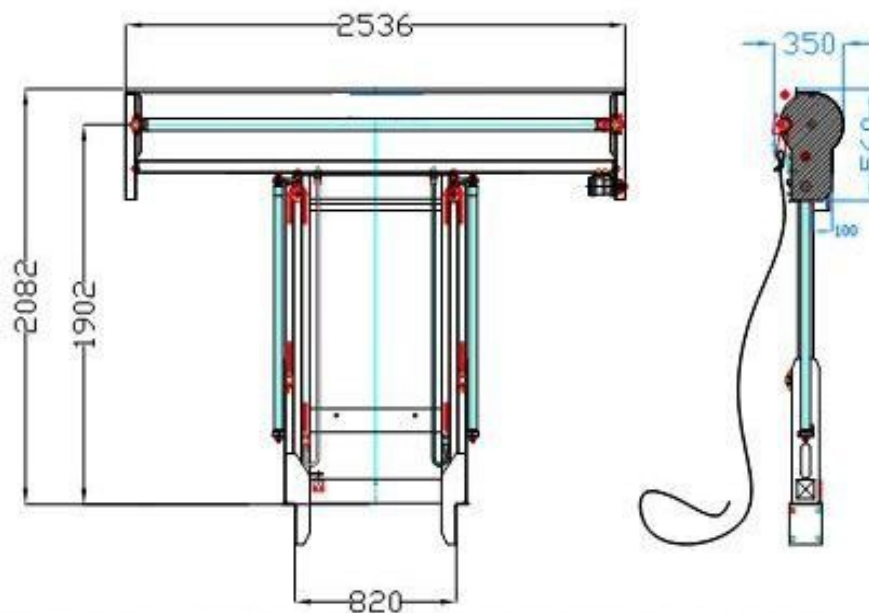
1. A flat canvas cover inside a casing that holds it completely when it is rolled up and, therefore, not in use;
2. An automatic elevation system for the whole roll of cover when it is being extended over the vehicle bed it covers.

This means that although the vehicle bed may contain material that protrudes over the edges, the cover can easily be extended without risking any damage to it and the operator can easily see if it becomes blocked or caught on something.

## REQUISITES FOR INSTALLING THE COVER

1. The COVER-TRUCK cover can be installed in all industrial vehicles that have a free space of at least **380 mm UPPER** and **-130 mm LOWER** in front of the vehicle bed where the elevation group can be fitted and can move freely without interfering with parts of the bed or the chassis.

Diagram of the COVER-TRUCK chassis



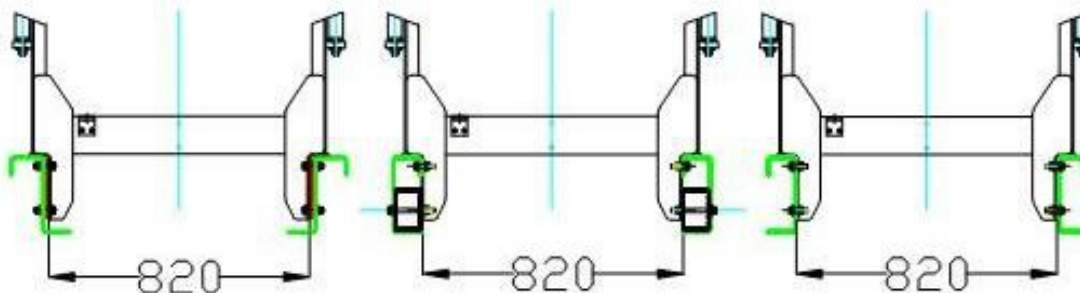
2. The vehicle in which the cover is to be fitted must have a free space next to the elevation group of the cover to fit the elevation "electro hydraulic centre".

The electro hydraulic centre is an independent component of the vehicle that is fastened on using universal flanges secured with screws included in the assembly kit.

#### **CHARACTERISTICS OF THE STANDARD COVER**

The general structure of this installation comprises a frame that is securely fastened to the structure of the vehicle.

#### **Various types of FASTENING to the COUNTER CHASSIS**



**N.B.:** For installation on chassis with dimensions completely different to the base indicated, each case must be studied to see how the COVER-TRUCK structure can be fastened to the vehicle chassis.

**(Alternative installations are always the responsibility of the person who applies the installation in the vehicle)**

The main body of the whole system is installed on the frame, this means the casing that contains the TARPAULIN roller.

This roller (or also winder) is designed to rotate around the axle, for operations of rolling and later releasing the tarpaulin, and its height can also be adjusted, being vertically raised or lowered, to allow the tarpaulin to reach the upper part of the vehicle bed.

The TARPAULIN ROLLER is held on special supports that allow it to rotate and at the same time be moved vertically.

It moves vertically by means of free guides that run along the corresponding guides that are positioned on the main frame.

The movements and rotation of the roller are carried out by hydraulic action.

The roller rotates by means of a suitably controlled remote control motor.

The tarpaulin, made of materials such as a P.V.C. mesh with the appropriate grammage or sewn NEOPRENE (for transporting special materials), is attached directly to the roller by one of its smaller sides.

During the unrolling operation, the tarpaulin is dragged by the operator towards the rear part of the vehicle bed, using a rope that is attached to the other end of the tarpaulin.

Given that the vehicle bed must be completely covered, even when the loaded material exceeds the height of the side boards, in order to fasten the sides of the tarpaulin correctly they must hang down over the sides of the bed to a certain extent.

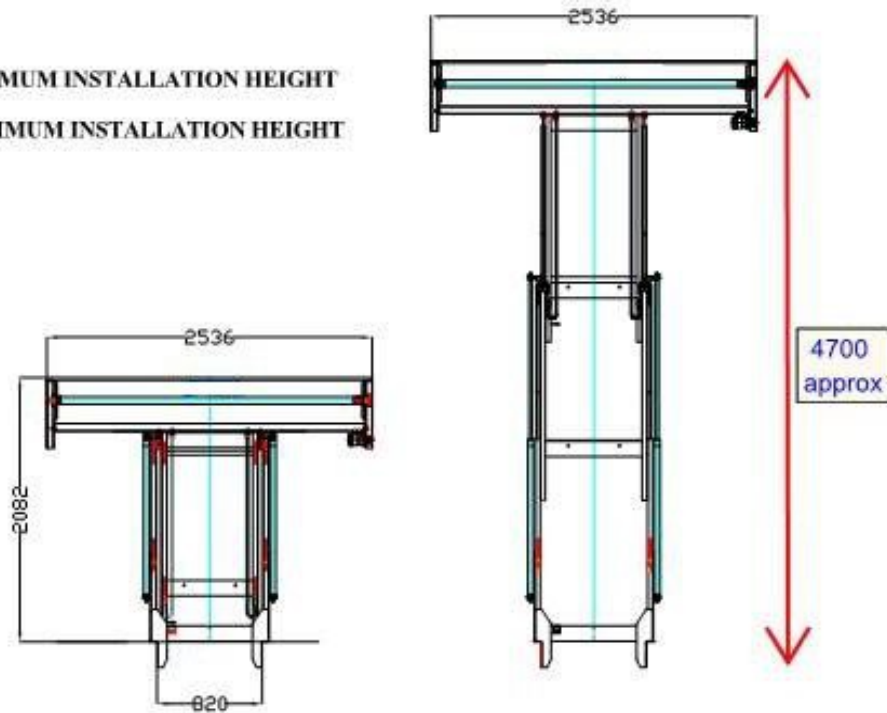
For this reason the total width of the tarpaulin is greater than that of the vehicle bed and the maximum width of the roller tube.

In order to comfortably wind the tarpaulin onto the roller, there are two curved discs positioned on the end of the roller that allow the tarpaulin to be rolled up correctly; and there are also sliding transporters to the sides of the casing.

#### Installation diagram

A) MINIMUM INSTALLATION HEIGHT

B) MAXIMUM INSTALLATION HEIGHT



#### USE OF THE COVER

The cover is extremely simple to use, given that it basically consists of "three" very clear phases:

- I. Raising the cover using the electro hydraulic CENTRE.
- II. **LOADING** or **UNLOADING** the vehicle bed.
- III. Lowering the cover using the electro hydraulic CENTRE.

Operating diagram (covering the vehicle bed)

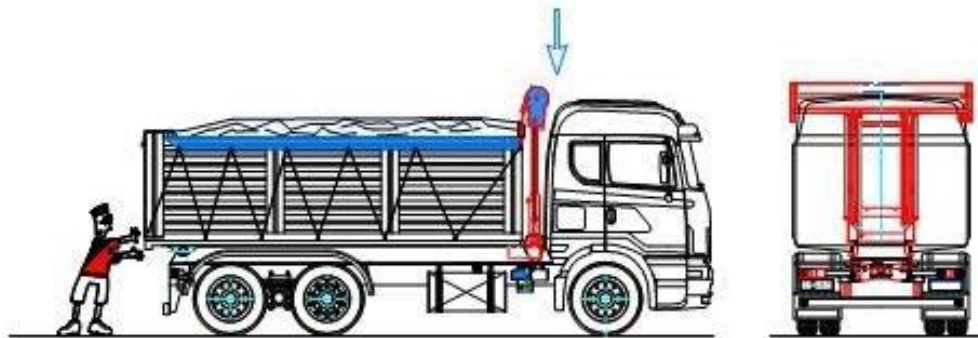


Diagram of the cover completely lowered and closed

Once the loading or unloading operations of the vehicle bed have been completed, the cover is lowered again and the side ropes that block it and hold it in place are fastened.

**We retain the right of technical alterations without any prior notice.**

**Status: June 2014**



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