

## System specifications ▼



**Truck**



**Robot**



**Compactor**



**Container**



**Roll-off equipment**

## Vertical and Bilateral Container Lifting System ▼

Automated and robotic 2Side System<sup>®</sup>, for bilateral handling (loading and unloading) of 2SS surface containers<sup>®</sup>, equipped with mushroom heads.

Full cycle lasts under 90 seconds.

Controlled from the cabin by the operator.

Automatic operation.

Allows manual corrections using joystick.

Equipped with electronic devices to guarantee safety when handling the container.

Equipped with automatically activated stabilisers to maintain the stability of the vehicle in all working conditions.

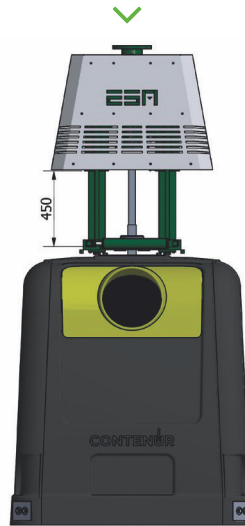
### Phase 1: operation begins ▼



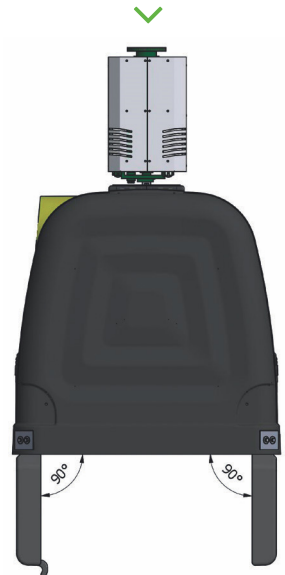
### Phase 2: taking the container ▼



### Phase 3: lifting ▼



### Phase 4: emptying ▼



## The electronic system comprises: ▼



7 monitoring cameras.



Position sensors, encoders, solar cells, laser, solenoid valves.



Joystick control and main electronic panel.



Control software



Safety elements