

# OKTOMAT® SOS

## Emptying station for Octoboxes and big bags

- ➔ **Personnel not required**
- ➔ **Saving space**
- ➔ **Maintenance-free**
- ➔ **Minimal cost of operation**



Complete removal of material without the presence of personnel. Lifting, tilting or turning the full container around is not necessary, therefore avoiding manual intervention.

Just move the container by manual pallet truck, fasten the plastic liner/bag and the automatic conveying can be started without control and down time of conveying process. The bags will be emptied completely without residual materials.

## OKTOMAT® SOS „simply brilliant“



The flexible bag is drawn upwards and inwards by means of automatic bag lifting operation. By decreasing bag diameter, the bulk material will be pushed towards the area of suction. At the end of conveying, the bag is lifted from the floor, thus enabling complete removal.

By means of the vibrating suction head the bulk material is loosened and can flow towards the suction area. The suction head will balance itself in the material, loosening the bulk material and with help of the SOS-control it will oscillate.

**SOS = Suctionhead-Oscillating-System**



The lifting ring can be attached both to big bag loops and to plastic liners similarly and the system can be easily adjusted from low to high bags. The OKTOMAT® system solves material flow difficulty with common bulk material bags in industrial process such as



### BigBag

all bags with loops

### Oktoibox

all bags with plastic liners

### FIBC, pallet cage, etc

super sacks with plastic liners

The suction head provides efficient removal of all kinds of bulk materials such as regrind, powders, fibres. For difficult cases, there are unique optional equipments available.



## Control types



SOS

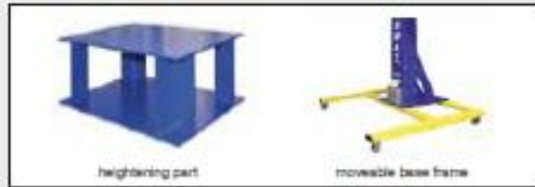


Oktabag

There are 2 extensive control versions available. In the Standard version, the SOS control type (suction head oscillation system) is used. For ultimate requirements and for option 10 and balance material weighing, the Oktabag control version is necessary.

## Standard Equipment

- Pedestal version of steel, powder coated
- 7-folded adjustable
- All-purpose lifting ring of stainless steel for plastic liners and big bags
- Suction head type S, conveying tube diameter 38 / 50 mm of stainless steel 1.4301 (AISI 304)
- Oscillating suction head with SOS control
- Empty indication control on LED display and potential free contact,
- monitoring of remaining emptying time and suction head lifting intervals
- Minimal operating cost
- High reduction of personnel cost



## Optional Equipment

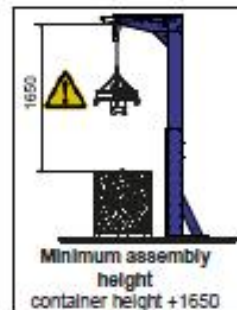
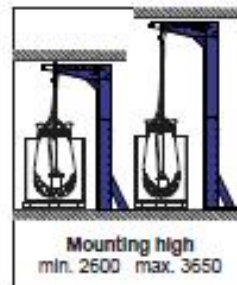
- ⚡ Automatic switch-over to the next OKTOMAT® (option 2)
- ⚡ Special types of suction head S-80 or XL-80 (option 3) of stainless steel (AISI 304) for pipe -  $\varnothing$  38/50/65/80 mm
- ⚡ Additional weight for suction head types S-38/50 (option 4)
- ⚡ Compressed air vibrator(s) for suction head (option 5)
- ⚡ Bulk material fluidization by compressed air blasts (option 7)
- ⚡ ATEX zone 2 / 22 (option 8)
- ⚡ Oscillating lifting ring (option 9)
- ⚡ Powder suction head with Oktabag control (option 10)
- ⚡ Balance material weighing with Oktabag control.
- ⚡ Cover of PVC for bulk bag and lifting ring
- ⚡ Remote control incl. 5 m cable
- ⚡ Special lifting rings 400/800 mm
- ⚡ Moveable base frame
- ⚡ 300 mm base element

## OKTOMAT® SOS INOX

Stainless steel – for high performance applications

**PHARMA**CEUTICAL  
**FOOD**  
**ATEX**

For applications not allowing coated steel, the OKTOMAT® SOS of pure stainless steel 1.4301 (AISI 304) is available. The suction head is selectable in stainless steel 1.4301 or 1.4571 (AISI 304 or 316L), the flexible conveying tube is available of PUR or in food grade quality. ATEX zone 2 or 22 are available optionally.



Pre-assembled packed

