

Discharging station for octoboxes and big bags

- ➔ Personnel not required
- ➔ Space-saving
- ➔ Maintenance-free
- ➔ Minimal cost of operation

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

Just transport 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 into an area of the 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 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



Big-bag

all bags with loops

Octobin

all bags with plastic liners

FIBC, mesh boxes, 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.



All OKTOMAT® products from HELIOS are protected by international patents!

Control types



SOS



Octobag

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

Options

- 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 - Ø 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)
- Suction-emptying function (option 10)
- Balance material weighing with Octobag control
- Cover of PVC for bulk bag and lifting ring
- Remote control with 5m cable
- Special lifting rings 260/400/800 mm
- Moveable base frame
- 300 mm base element

Standard version

- 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



OKTOMAT® SOS INOX

Stainless steel - for high performance applications

PHARMA
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.

