

“Simply brilliant”

Evacuates Oktabin and BigBag fully automatically and completely granulate, ground stock and powder



OKTOMAT®
emptying station

The OKTOMAT®. HELIOS pat solution.

If you say, evacuating Oktabin and BigBag goes smoothly...?!

No breakdowns when conveying granulate, ground stock and powder?

No repositioning the suction lance manually? Evacuating fully automatically and completely, not sucking in the film inlet?

In this case you certainly own the new HELIOS OKTOMAT® and are happy to know, how much waste of time, operation trouble and waste of ground stock can be avoided.

Simply brilliant, or what?

The Problem

When evacuating Oktabins and BigBags by means of conventional suction lances, the conveyance of granulate or ground stock can sometimes be interrupted, resulting in serious operation trouble. The conveyance can be resumed only by manually repositioning the suction lance. This poses a particular problem when there is not much bulk material remaining in the container. In this case, the operator may be forced to guide the suction lance for a prolonged time to evacuate the bag completely.



The Solution

Instead of a suction lance, the HELIOS OKTOMAT® is equipped with a stainless steel suction head with integrated vibration device. This loosens up the bulk material and causes it to flow. At the same time, the bag lifting device pulls the film inlet of the Oktabin or the circumferential wall of the BigBag upwards and inwards. With decreasing filling level, this causes the bulk material to flow from the outside towards the evacuation point. Depending on the adjusted suction power, the film inlet or BigBag is lifted up from the floor when a certain residual material weight is reached.



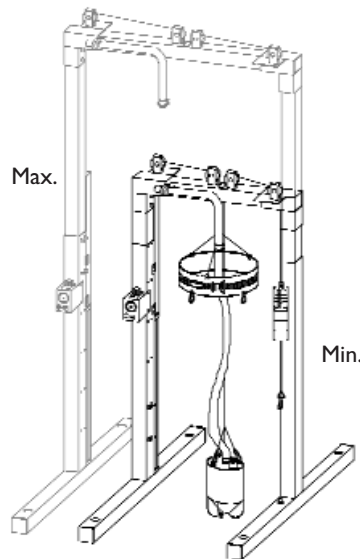
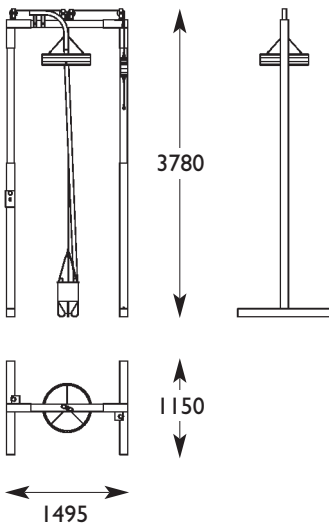
Evacuating Oktabin and BigBag fully automatically and completely

Standard Equipment:

- Portal made from enameled steel, height and width adjustable
- Lifting ring made from inox with tension belt and 4 spring hooks
- Infinitely adjustable lifting power for the film inlet
- Suction head type S made from inox with film spreader and automatic vibration device, conveying tube Ø 38 or 50 mm
- Counter weight for adjusting the immersion depth of the suction head
- PUR conveying tube



figure
OKTOMAT® together with Option I



Technical data:

Height (mm):
adjustable from 2730 to 3780 mm
Width (mm): 1095/1295/1495
Depth (mm): 1150
Power supply (V / Hz): 230 / 50
Clear width (mm): 895/1095/1295
Evacuation capacity: up to 5000 kg/h*
Weight (kg): approx. 145 kg
Pneumatic supply: R 1/4 IG
Suction tube Ø (mm): 38/50/65/80

* depending on the bulk material and used conveying technics

Patents:

Suction head: European Patent No. EP 07 65 829 B1
United States Patent No. 6,036,408
Bag lifting device: European Patent No. EP 08 19 628 B1
United States Patent No. 5,944,455
Lifting ring with tension belt: German Patent No. DE 19 852 259 C2
Oscillating suction head: European Patent No. EP 1 199 266 B1



OKTOMAT® twin station with automatic switch-over to full container

The OKTOMAT®. 7 fittings optionally.

Options

Option 1

control for empty indicator by signals

Option 2

switch-over between 2 OKTOMAT® stations incl. 2 pcs of option 1

Option 3

Special suction heads:

- XL – with conveying tube Ø DN-38 x 1,5
- XL – with conveying tube Ø DN-50 x 1,5
- S or XL – with conveying tube Ø DN-65 x 1,5
- S or XL – with conveying tube Ø DN-80 x 2,0
- Micro – with conveying tube Ø DN-65 x 1,5

Option 4

Additional weight for suction head types S-38 and S-50

Option 5

Suction heads with compressed air vibration device

Option 6

Oscillating suction head by slack rope switch incl. control unit

Option 7

Fluidisation device of suction head to loosen up poorly flowing bulk materials incl. special control unit



Option 2

As soon as a container has been evacuated, the system can switch over automatically to the next OKTOMAT® station.

Configuration individually



Option 2

Triple evacuating station with automatic switch-over to full material container.



Option 3

Different suction heads are available:

Type S for standard applications

Type XL for high conveying capacities

Type Micro for powders

All types are also available with compressed air vibration device (**Option 5**)



figure OKTOMAT® with option 6



Option 6

oscillating suction head



Option 4

Additional weight for suction head



The HELIOS OKTOMAT® is delivered in pre-assembled condition as a packing unit.

The system can easily be set up by the customer.

OPTIONS