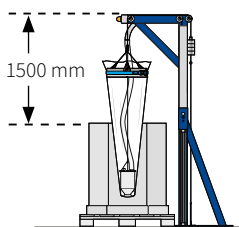


# OKTOMAT® ECO

## Emptying system for Octabin and BigBag

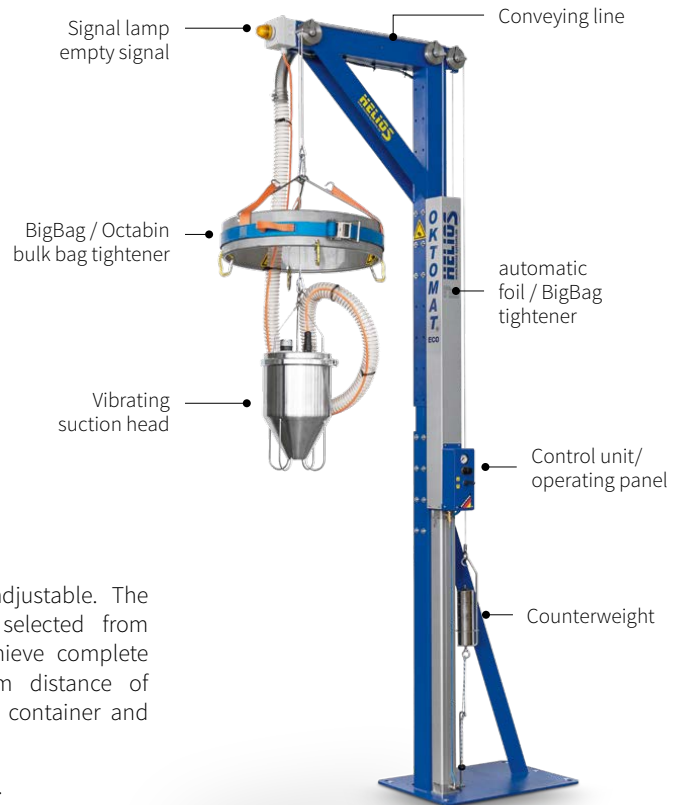
OKTOMAT® ECO	
height	3000 - 3500 mm (5-fold height-adjustable)
width	500 mm
depth	1540 mm
footprint (suggestion)	1200 mm x 1900 mm
container height	500 - 2000 mm (without extension)
bulk bag tightener stroke	1000 mm
weight	125 to 145 kg
weight with packaging	225 to 245 kg
tension force	1500 N
ambient temperature	0 - 40 °C
electrical connection	230 V, 50/60 Hz   110 V, 50/60 Hz
compressed air connection	min. 6 bar , Ø 13 mm
operation	sideways



### Installation height

The OKTOMAT® ECO is 5-fold height-adjustable. The standard installation height can be selected from 3000 mm - 3500 mm. In order to achieve complete emptying, there must be a minimum distance of 1500 mm between the top edge of the container and the top edge of the discharge station.

Special heights are available as an option.



## STANDARD EQUIPMENT

### Construction

Pedestal version, particularly space-saving in width, made of steel, powder-coated

### Height

3000 mm - 3500 mm, 5-fold height adjustable, special heights are possible as an option

### Foil / BigBag tightener

made of stainless steel (Ø 600 mm)  
for foil inliners and BigBag

### Suction head

Vibrating suction head (electric)  
type S-38 / type S-45 / type S-50 / type XL

### Automatic

Automatic complete emptying by means of automatic bag tightener with 1500 N tension force and autom. follow-up of the suction head according to filling level via adjustable counterweight.

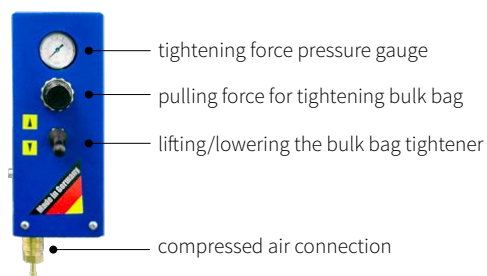
### Conveying line

38 mm / 45 mm / 50 mm  
Standard pipe elbow (stainless steel 1.4301 (AISI 304))

### Container types/materials

OKTOMAT® ECO is ideally suited for the majority of applications. It handles easily and effectively the discharging of all common types of Octabins, BigBags, bulk bags with foil inlet. Suitable for emptying of free-flowing materials.

### Operating panel



**Delivered** pre-assembled in transport box



### SUCTION HEAD

Type	Ø Conveying pipe	Diameter	Vibrator electric	Vibrator pneumatic	ATEX	AK
S-38	38 mm	295 mm	●	○	○	○
S-45	45 mm	295 mm	●	○	○	—
S-50	50 mm	295 mm	●	○	○	○
SM	38 / 45 / 50 / 60 / 65 / 80 mm	295 mm	—	●	○	●
XL	38 / 45 / 50 / 60 / 65 / 80 mm	495 mm	●	○	○	—

● standard ○ optional — not available

#### Pipe elbows

Standard pipe elbow  
stainless steel 1.4301 Ø DN38 | DN45 | DN50

#### optional:

- Stainless steel pipe elbow (hardened)  
wear-resistant
- Glass pipe elbow,  
highly wear-resistant

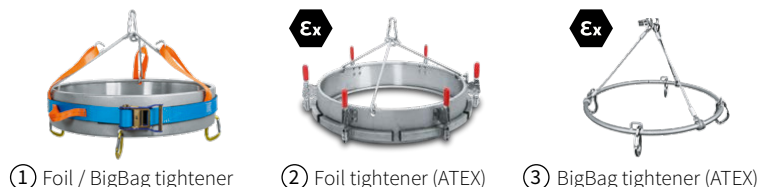
#### Additional weight

increases the contact weight (+4kg) of the suction head on the bulk material and thus helps to enter into the bulk material.  
Available for suction head S-38/45/50

#### ATEX version Zone 2 / 22

partial zone: suction head + conveying line and/or foil/BigBag tightener

### BULK BAG TIGHTENER



Type	Use	Diameter	Fixation	
Foil / BigBag tightener ①	BigBag + foil	260 mm	tension strap + carabiner	○
Foil / BigBag tightener ①	BigBag + foil	400 mm	tension strap + carabiner	○
Foil / BigBag tightener ①	BigBag + foil	600 mm	tension strap + carabiner	●
Foil tightener ②	Foil (ATEX Zone)	600 mm	clamping jaws	○
BigBag tightener ③	BigBag	500 mm	carabiner	○

● standard ○ optional

#### Protection cover

Cover for containers + foil / BigBag tightener.  
PVC, transparent with zipper  
Ø 1200 mm  
not suitable for ATEX



#### ATEX version Zone 2 / 22

partial zone: bulk bag tightener  
Available for foil tightener and BigBag tightener

### ECO control

#### for residual discharge time

- adjustable signal output time for empty signal

Output via potential-free contact



LED display residual discharge time

potential-free contact

### ECO control

#### for residual discharge time and double station

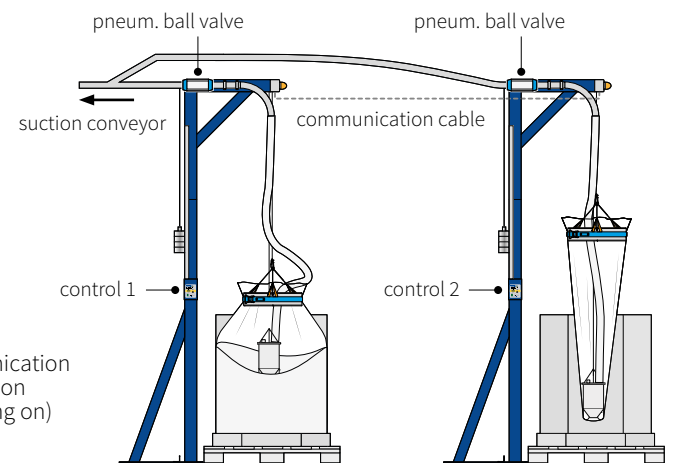
Automatic switching on to a second container.  
Ideal for unmanned shifts. Switchover takes place via pneumatic ball valves.

- adjustable signal output time for empty signal
- basic control for double station

Output via potential-free contact



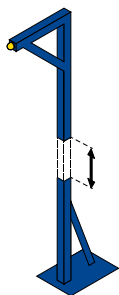
communication connection (switching on)



## SPECIAL HEIGHTS

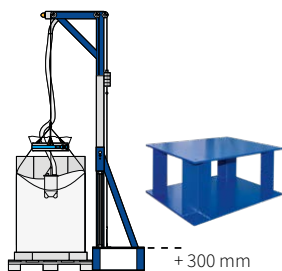
### Extension piece

A height of 3500 to 3900 mm (4 x 100 mm steps) can be achieved by an extended middle section. Rope and cable lengths must be fitted accordingly.



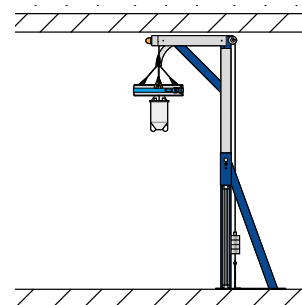
### Height increasing base element

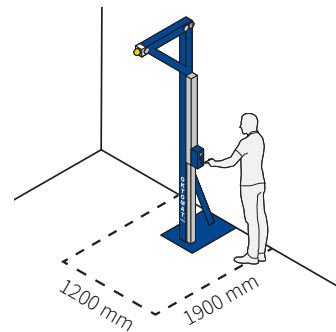
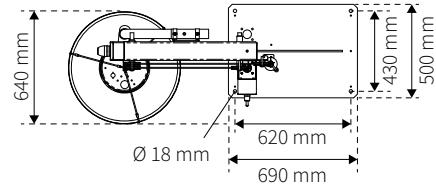
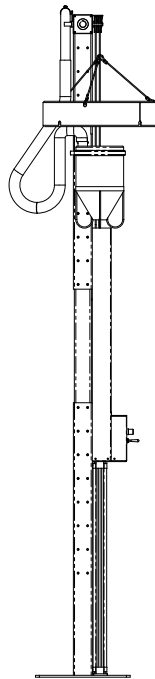
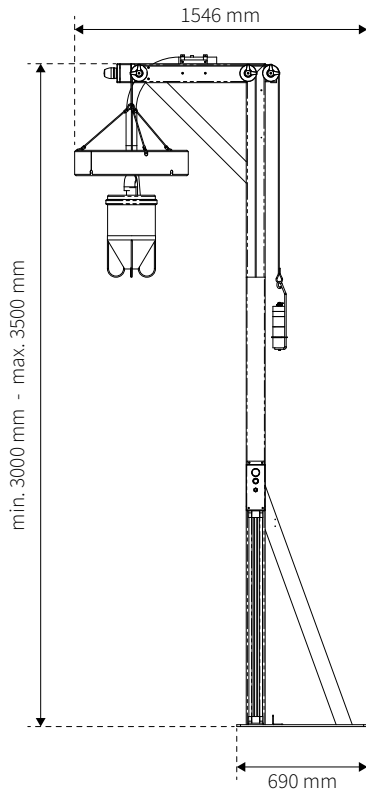
Base element for the simple increase of the OKTOMAT® ECO by 300 mm. Installation between base and floor.



### Special customized height

Special construction for less room height and low containers. 2500 to 3000 mm (4 x 125 mm steps)





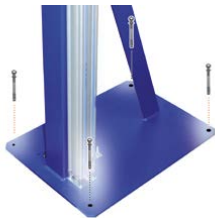
### Footprint

The required area to the front depends on the container type used.

An area of approx. 1200 mm x 1900 mm is recommended.

### Anchoring to the floor

Installation on the floor is carried out with four anchoring dowels (not included).



### Movable frame on castors

Optional frame with 4 castors incl. fixing bolts. 1500 x 1400 mm.

Height: 155 mm (175 mm when fixed)

Suitable for continuous use.



MADE IN GERMANY



EN\_2018\_06\_18\_DB-OKTOMAT ECO | subject to change without notice