

# Containment Big Bag Emptying

## JEL SmartCon ES



### ► JEL SmartCon ES

With the JEL SmartCon attachment system, foil-lined big bags can be emptied under containment conditions. As such, only minimal, hardly measurable quantities of product particles can escape into the air around the machine, protecting operating personnel from highly active and harmful substances and preventing high dust loads produced by finely powdered products.

### ► Operation

The big bag outlet must be placed over the emptying unit and securely fastened to the docking system with a pressure plate and pneumatic seals. With the optional leakproofness test, the big bag outlet can also be checked for damage before the emptying process begins. After the emptying, the outlet can simply be tied up and separated off so that it can be easily removed with an engagement connection which is connected to an endless liner system. The operating personnel are guided through the process by a control system that specifies all the work steps.

### ► Areas of application

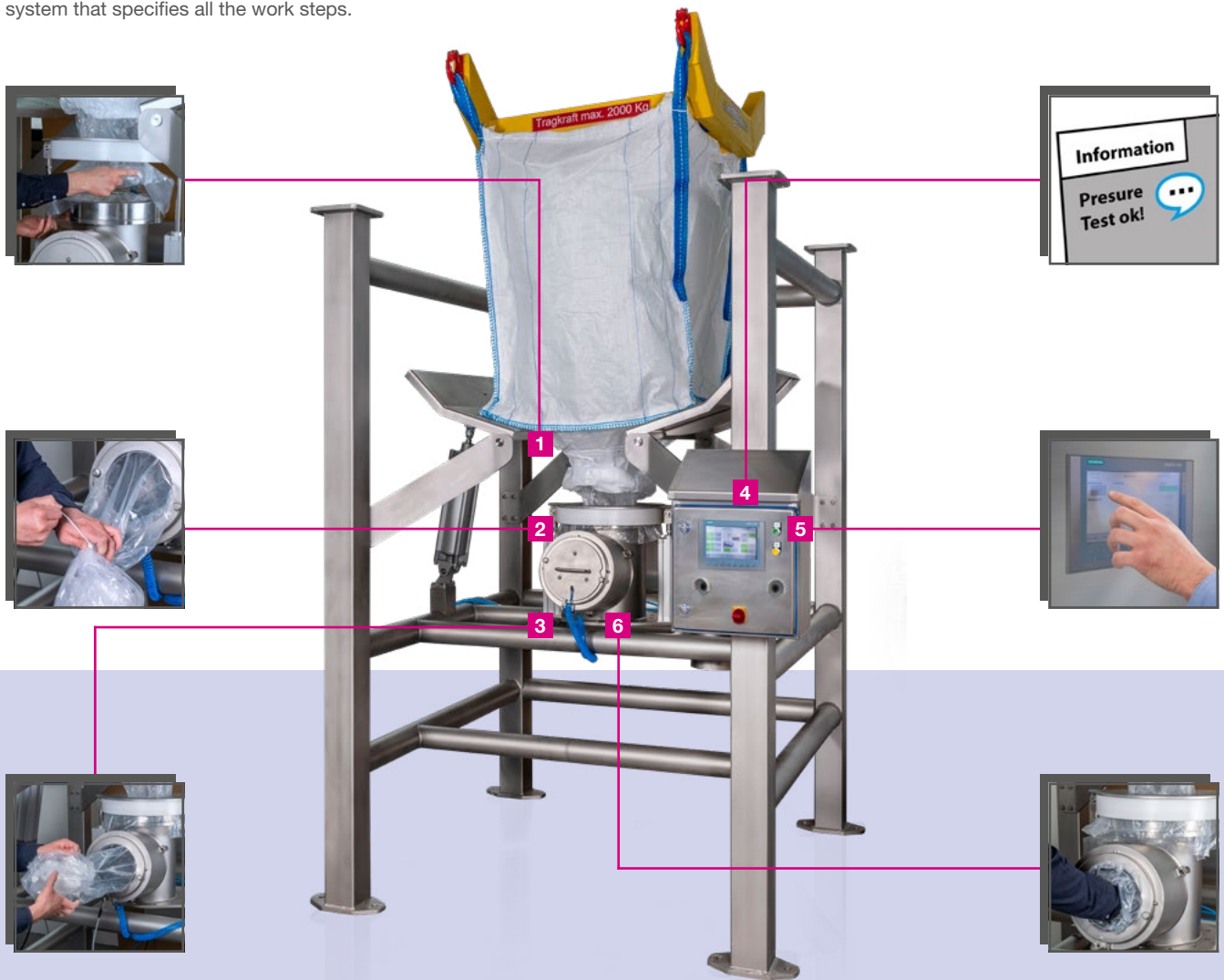
Chemicals	Plastics	Pharmaceuticals	Foodstuffs	Similar industries
●	●	●	●	●

### ► OEB-level

1	2	3	4	5	6
●	●	●	●	○	○

### ► Big bag applications

Big bag filling	Big bag emptying
○	●



- 1** Easy to operate
- 4** Optional leakproofness test

- 2** Simple to tie up
- 5** Intuitive control concept

- 3** Continuous containment
- 6** Quick removal of the tied liner

BIG BAG EMPTYING | JEL SmartCon ES

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### ► Design

- The outlet can be tied up using special cable ties and pincers
- Generously-sized engagement connection with endless liner system
- Materials: Stainless steel 1.4301 (standard), silicone seals (other materials available upon request)
- A variety of surface treatments are available (standard: glass bead blasted)
- Suitable for outlet diameters 400 - 500 mm (other diameters available upon request)
- Length of the outlet beneath the connection point: min. 450 mm
- Optional: Pressure test before the emptying to detect any damage to the liner outlets
- ATEX version available (inner zone 20, outer zone 21, dust)

### ► Technical details

Maximum substance concentration during the emptying: <math> < 10 \mu\text{g} / \text{m}^3 </math> (corresponds to OEB level 4).

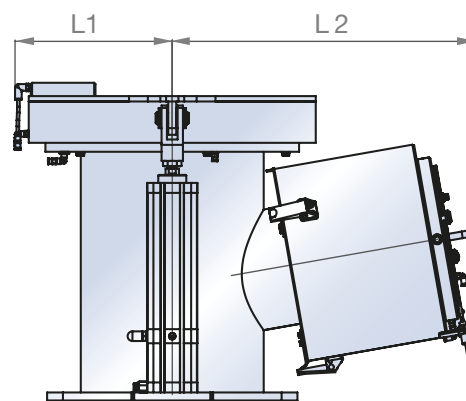
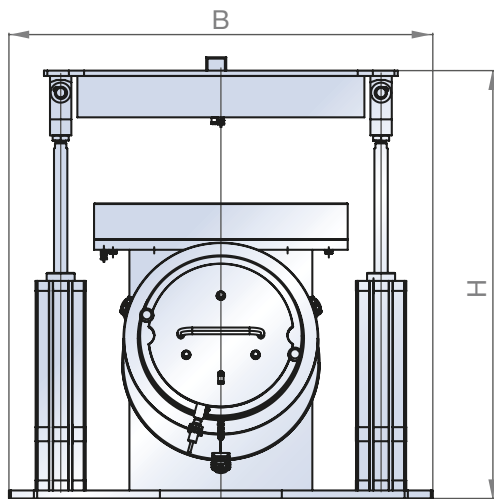
#### MACHINE

Compressed air	Voltage	Frequency	Protection class
6 bar*	230 V	50 Hz	IP54

\*3 bar upon request

#### DIMENSIONS [MM]

B	H	L1	L2
635	641	236	456



### ► Your contact person

Do you still have questions or would you like a non-binding price quotation? Then simply contact our team of experts.



**Waldemar Gischa**

Big bag systems  
Phone +49(0)621 59002-17  
Fax +49(0)621 59002-550  
gischa@engelsmann.de

**J. Engelsmann AG**

Frankenthaler Str. 137-141  
D-67059 Ludwigshafen  
info@engelsmann.de  
www.engelsmann.com



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## Convincing facts

- ✓ Containment level up to OEB 4
- ✓ Protection of operating personnel (exposure) and products (cross-contamination)
- ✓ Simple operation and quick big bag change
- ✓ Lower manual effort required thanks to a high level of automation
- ✓ Highest levels of safety and error avoidance thanks to the intuitive control concept
- ✓ Optional leakproofness test prevents contamination through damaged liner outlets
- ✓ Continuous level of containment