



Discharging FIBCs Liner-Connection-System LAS-EC „Easy Connect“

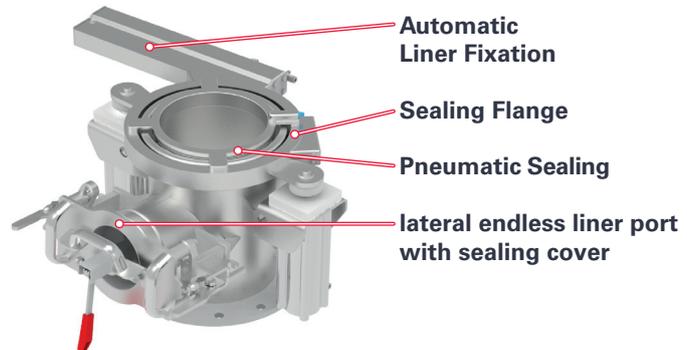
HAND
OUT

DESCRIPTION

HECHT Technologie's **Liner-Connection-System LAS-EC „Easy Connect“** (patent-pending) enables a defined, safe discharging of FIBCs with a logical operating procedure in just a few steps up to a Containment level of **OEB 5 (OEL < 1 µg/m³)**. Tailor-made to suit your discharging processes and requirements, the system allows an easy, ergonomic and especially safe discharging of powders. Thereby, operator, environment and product are consequently protected from contamination and impurities.

The LAS-EC is characterized by a high operational safety as well as its simple handling during the discharging process. An exchange of the FIBCs takes place without any supporting materials or consumables like o-rings or similar aids.

The system is easy to handle due to a control system with three functions: **Connecting, Sealing and Disconnecting.**



FUNCTIONAL DESCRIPTION



1. Docking/Connecting the FIBC

To connect a FIBC, the port is opened and the shower cap of the previous FIBC seals the port using a special clamping device.



2. Sealing

The new liner can now be pulled over the sealing flange connection. After that the port will be closed and the new liner will be fixed automatically. Now the showercap can be removed using the lateral port and the big bag can be opened.



3. Closing/Disconnecting the FIBC

The bulk material can now be emptied by gravity. If required, a suction shoe can of course be integrated for connection to a vacuum conveyor.

After emptying the FIBC, the liner is tied up and cut off using the HECHT High Containment Closing System between the FIBC outlet and the sealing flange.

This technology ensures protection of operator as well as the product from unwanted product exit (or entry as well). The cycle can now start again and a new FIBC can be connected.

AT A GLANCE



Operator- and Product Protection



WIP - in Hygienic Design



Unique, Patent Pending

ADVANTAGES

- ◆ FDA approval
- ◆ Design according to GMP-guideline
- ◆ For FIBC's with outlet Ø 370-520 mm
- ◆ Dedusting / evacuation via socket
- ◆ Integration in various stations
- ◆ Quick FIBC and bin change
- ◆ Reduction of consumables such as O-rings

OPTIONS

- ◆ Ex-version
- ◆ WIP equipment available
- ◆ Various materials, sealing materials and surface qualities
- ◆ Different mounting options
- ◆ Control: electropneumatic or pneumatic