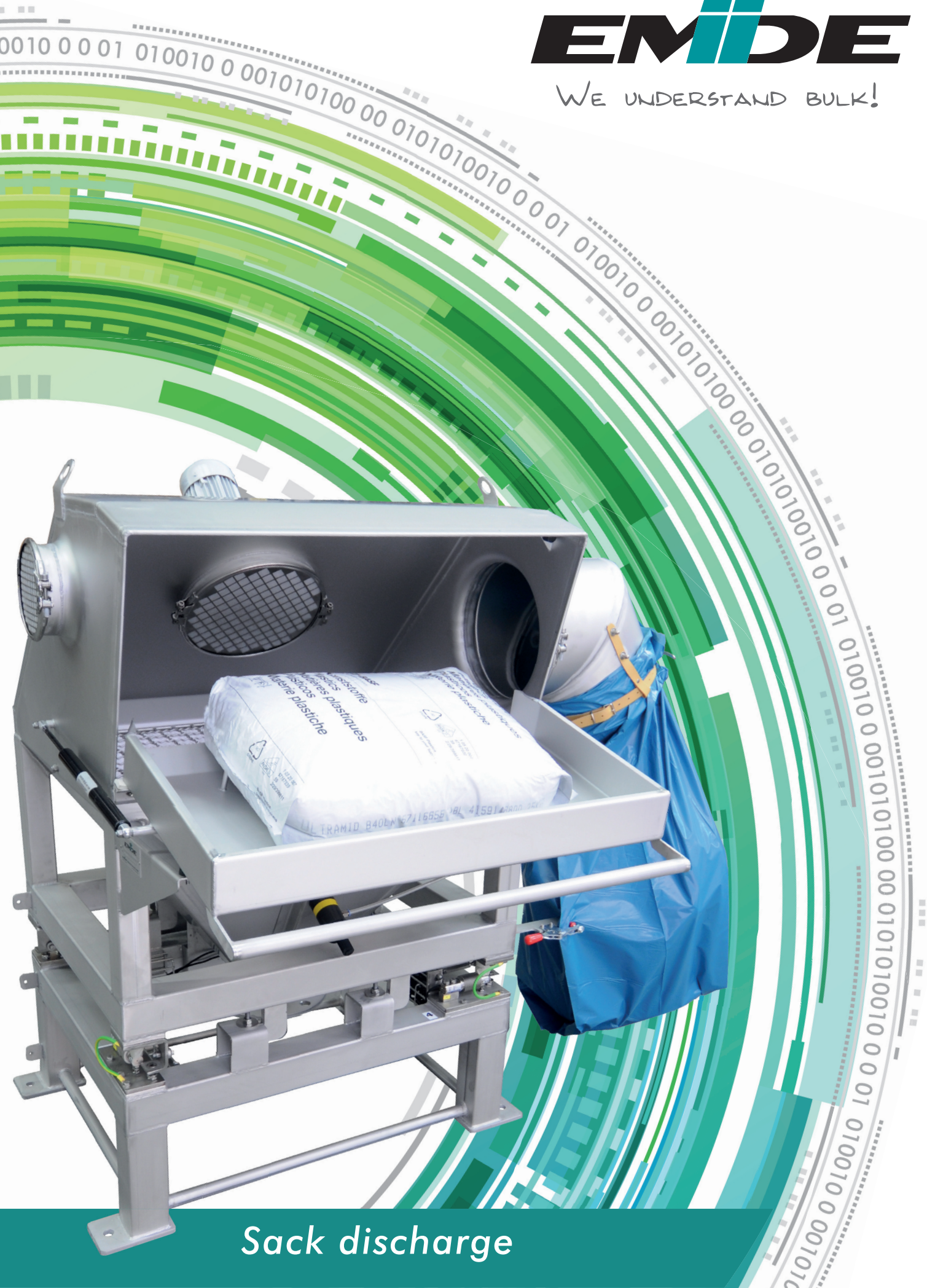


# EMIDE

WE UNDERSTAND BULK!



Sack discharge



*Sack discharge machine with gas spring supported discharge flap and holding spikes to fix sacks*

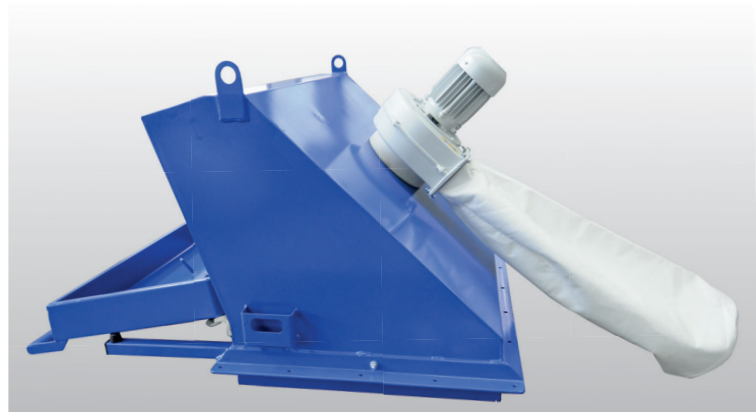
## Sack discharge machine type SE

As ever, the sack is the classic container for handling solids. It facilitates the manual handling of solids directly at the point of discharge. A device to aid the emptying process of sacks is most helpful despite the legal regulations to limit weights to a maximum of 25 kg. The sack discharge machine with a pouring-out flap and welded holding spikes, where the sack is fitted, ensure low dust handling. For the emptying process, the flap is opened and shut with the aid of a gas spring. Dust is vacuumed off through a filter, which is set over the dust collection hood, and is deposited directly through the feed hopper when the discharge flap is closed.

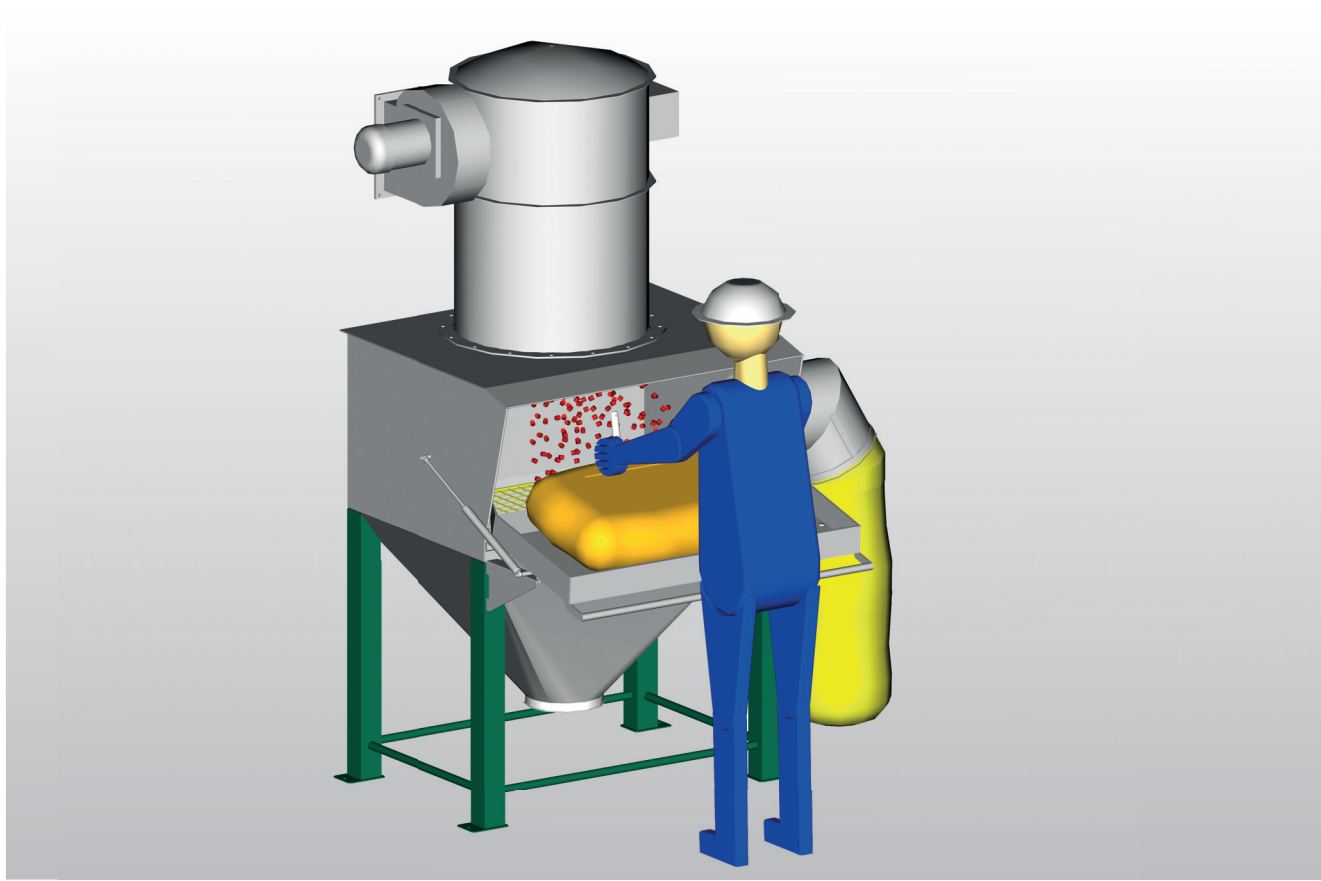
- Ergonomically optimized handling of sacks aided by gas spring supported discharge flap
- Holding spikes ensure that sacks are securely fixed onto the discharge flap
- Closed system for the emptying process
- Product appropriate filter systems extract dust



*Sack emptying device with depositing screw*



*Sack discharge hood with ventilator and dust bag for fixing on containers*



Sack emptying device type SE with filter and head for fixing empty sacks

## Discharge flap for handling sacks ergonomically

The filter design is individually adapted – adjusted to specific needs. The area around the discharge flap is vacuumed off efficiently without the employee having to stand in an area of constant dust emissions. The shape of the hopper is adapted individually to customer requirements. Poorly flowing products are emptied and/or discharged very securely by means of a vat shaped hopper variation with an integrated combination of dispersing agitator and downstream force feeder / steep screw conveyor.

- Optimum funnel shapes with integrated discharge aids such as beaters, agitators or fluidisation
- Design that is adapted to the industry (steel, painted or stainless steel in various design variations)
- Sacks are already emptied fully when the smooth running discharge flap has shut once only
- The discharge flap is easily opened when the air intake hole, which has a fleece filter in the dust collection-hood, is released



Dispersing agitator with exchangeable PU paddle



Emptying sacks with force feeder/steep screw conveyor



Sack discharger with connected waste bag compactor



Mobile variation of sack chute type ST for adding dosages

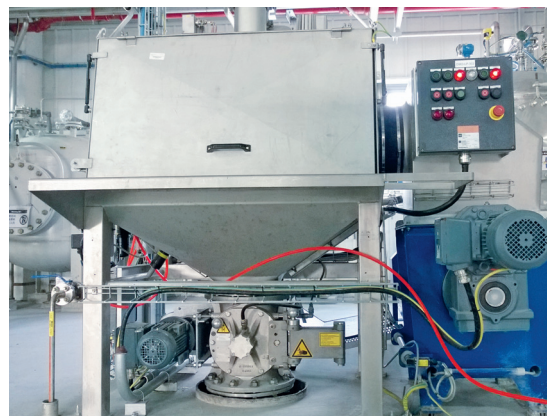
## Sack chute type ST

The feed opening, which is always open during the discharge process, ensures very fast handling of sacks. When not in use, the service flap can be shut tightly. The flap's all round hollow profile seal closes very tightly. Accumulating empty containers can be disposed of dust-free through a waste sack nozzle, which is welded to the side of the dust collection hood, into waste sacks or using a directly connected waste bag compactor. An optionally fitted swing strainer securely retains clumps of material or foreign bodies.

- Optimum handling of sacks when discharging larger product quantities
- Tightly closing service flap with hollow section seal
- A protective strainer can be integrated
- Low dust disposal of waste sacks through waste sack nozzle or waste sack compactor



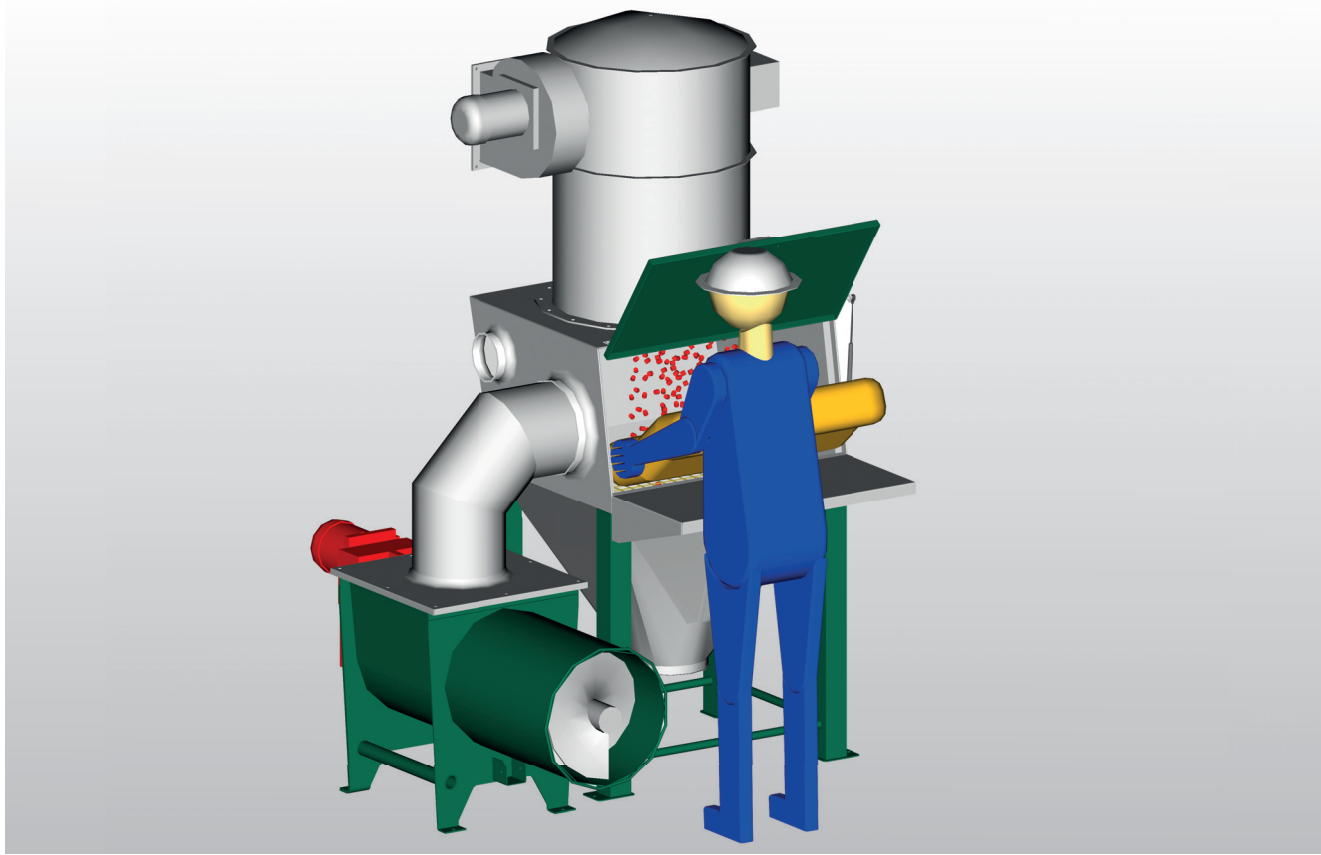
Combined sack/Big Bag Discharger



Sack chute with downstream rotary valve



Optimum work surface for handling various containers



*Sack chute type ST with connected empty sack compacter*

## Handling various containers

The large dimensions of the supporting table allow the emptying of sack goods as well as other containers, such as small buckets, goods in cartons or over-dimensionally large sacks with very light materials. The emptying process itself can be controlled. It is possible to partially take products out of sacks or other containers at any time. Thanks to the large service hatch, fast and user-friendly cleaning is an easy task.

- Emptying various containers (sacks as well as buckets or cartons with liners)
- Partial discharge of products is possible
- Fast and efficient cleaning
- Often used as additional device that can be directly connected to the batching tank



*Sacks chute with filter reduced in height*



*Optimum work space*



*Empty sack compacter with large dropping chute*



*Sack discharge cabinet used in the salt industry*

## Sack discharge cabinet type SK

The „Glove Box“ is the precise answer to product-dependent, essential, closed material handling. The sack is cut open inside the closed cabinet with a manually operated safety knife and is emptied. The process is monitored through a large Perspex viewing window. LED lights ensure that the cabinet is well lit up. Afterwards the sack is disposed of dust free by a waste sack nozzle or a connected waste sack compactor.

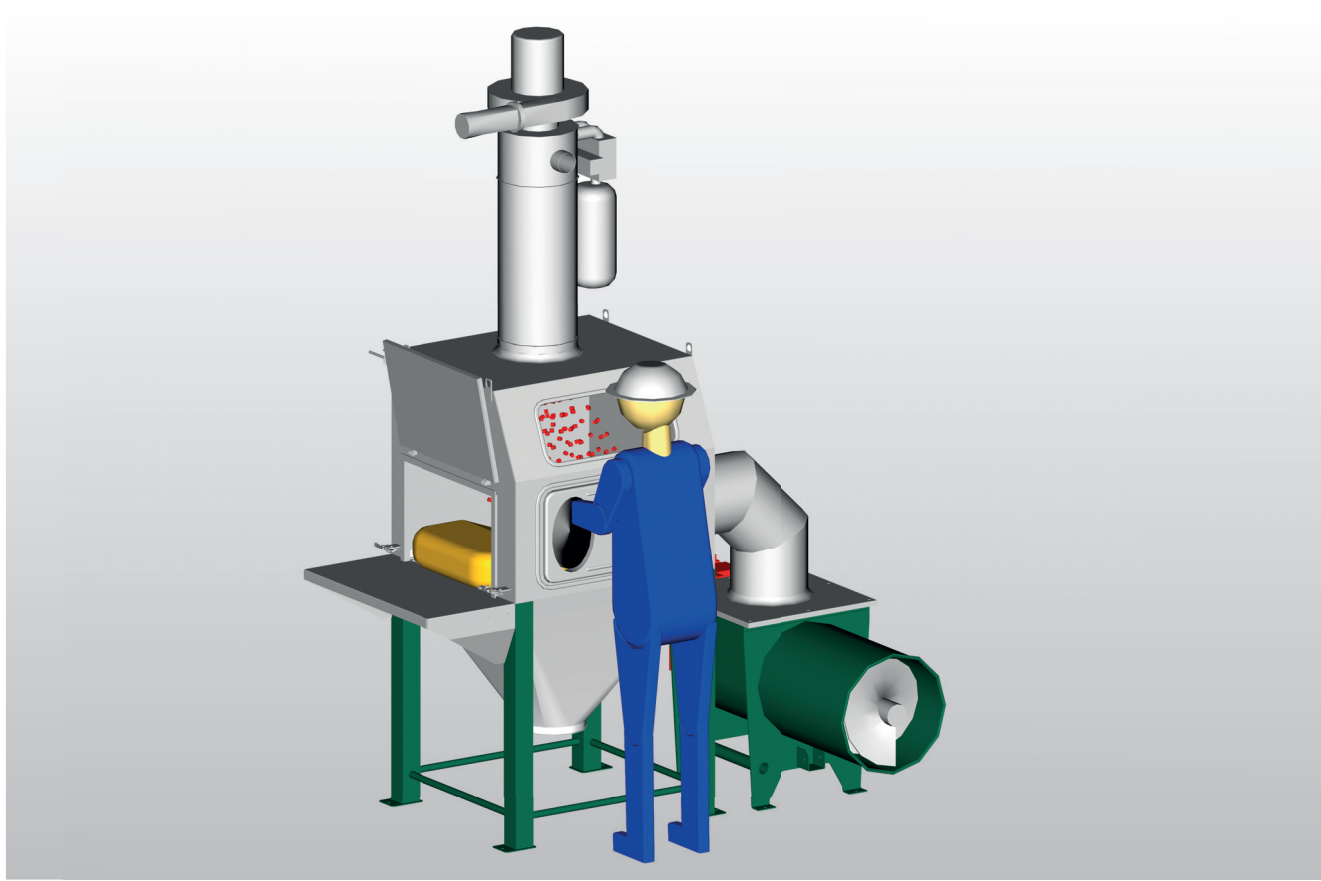
- Dust tight product handling inside a closed dust collection hood
- Good freedom of movement with long, exchangeable gauntlet gloves
- The emptying process can be monitored through a viewing window in the dust collection hood
- Safe work using a spring loaded safety knife



*Feeding door with tightly closing flap*



*Sack handling with gauntlet glove and safety knife*



*Sack discharge cabinet type SK with added filter and waste bag compactor*

## For dust free & closed product handling

Permissible dust concentrations at the place of work have been steadily reduced over many years. And one definitely cannot claim that some materials are indeed health promoting. Even if handling through a „Glove Box“ is certainly not pleasant – it assures the best protection for the operator.

- The dust collection hood is connected to the unit's filter system
- Dust retraction is also possible by mounting a filter to the dust collection hood
- The empty sack is disposed of in a dust free connected waste sack compactor or in waste bags
- A lump crusher can be integrated to disperse product agglomerations



*Mobile variation with discharge screw conveyor*



*Sack discharge cabinet with downstream lump crusher*



*Sack discharge cabinet for handling soot*

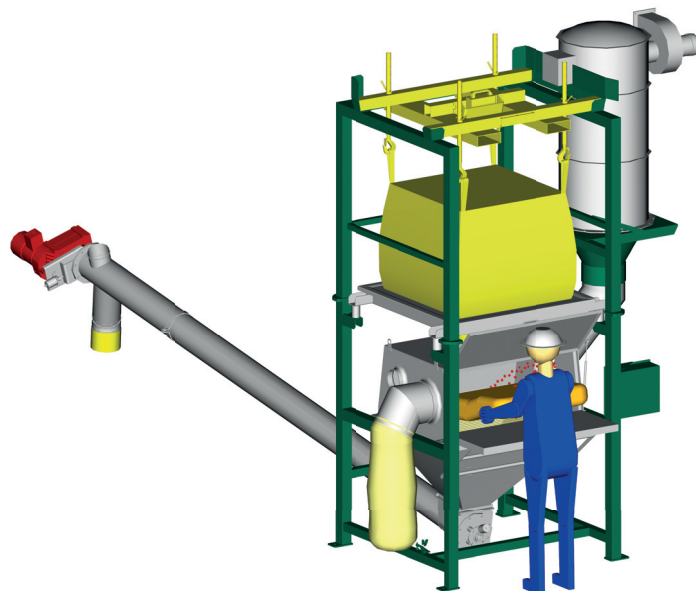


Combined sack/Big Bag discharger with iris collar clasp for resealing Big Bags

## Combined sack / Big Bag discharger type STBE

Global material acquisition on the world's markets requires the most flexible approach possible to different types of containers. The combination machine sack / Big Bag – discharger is the obvious answer to this need for maximum flexibility. Dust extraction during the discharge process takes place by means of a joint dust collection hood. The Big Bag tie is opened in the product downpipe, which is integrated in the dust collection hood.

- Partial extraction of quantities from Big Bags with iris collar clasp or cable pull fastener
- Several components can be discharged in the subsequent handling process
- Flexible material acquisition on the world's markets without having to stipulate container types



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