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Manufacturer of technological lines and devices

Big Bag Crusher







Application

The device is designed for facilities that receive and discharge bulk materials supplied in Big Bags. It is particularly effective for products prone to caking, such as those that have been transported over long distances by sea or stored in humid conditions.

The Big Bag Crusher:

- Restores the free-flowing properties of the product before discharge.
- Protects equipment from impact damage caused by compacted lumps and helps prevent costly downtime.
- Speeds up the discharge process and eliminates the need for manual breaking up of the material inside the bags.

Specification

The Big Bag Crusher breaks up compacted material inside the bag before it enters the discharge process. Two hydraulically driven arms compress the bag, while the platform holding the bag moves vertically and rotates through 90°. This agitates the material at three different heights and from all sides. The reach of the arms and the platform lifting height are adjustable. The operator can also set the number of platform rotations and bag compression cycles to suit the specific product.

The machine features a powder-coated steel construction.
The platform accommodates pallets of various sizes. The machine is powered by a hydraulic power unit equipped with an oil heating system. It is controlled via a PLC and a touchscreen operator panel.
The machine operates within a safety-guarded area. It cannot start when the access doors are open, and opening the doors immediately stops the machine.

Technical data

Technological parameters, construction and it's individual elements are each time adapted to the customer's needs.

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