

Automatic Bag Dump Station



SAS®

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Patented system

Rate: 2 to 4 sacks/min.
Capacity: 15 to 50 kg/sack
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel

SEMI-AUTOMATIC SYSTEM, OVERALL DIMENSIONS REDUCED

To establish a connection between manual and automatic bag dump stations, PALAMATIC PROCESS offers a semi-automatic machine. This equipment is ideal for food, pharmaceutical and chemical applications. This machine is intended for semi-automatic opening of any type of sack (except aerosils), limiting the operator's movement to set up the bag. The degree of dust containment of the machine that operates with the closed door, the installation of a sack compactor and the connection to the dedusting piping minimize fine particles emission in the atmosphere (a dust collector can be proposed as an option). It guarantees operation in a dust-free environment, without the need of cutting the sack manually. The machine is supplied with a complete control cabinet to ensure the rate you require.

TECHNICAL SPECIFICATIONS

1. The blade pivots from the back to the groove provided in the screen and cuts the bottom of the sack
2. The blade retracts and the material flows into the hopper
3. The bars do the shaking to make the material come out of the bag
4. The bag ejector bar sends the empty sack into the compactor

ADVANTAGES

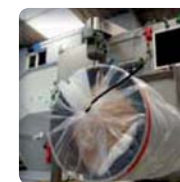
- Pneumatically controlled cutting system that leaves hands free
- Ideal solution for hazardous areas



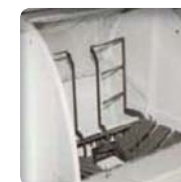
Internal mobile parts of the machine ensuring the shaking and the ejection of the sacks



External actuator



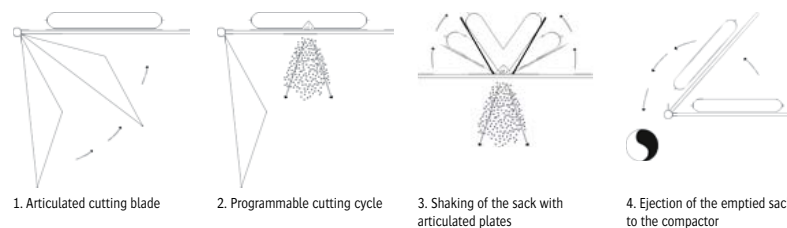
Screw compactor for the evacuation of the emptied sacks and the reduction of dust emissions



Ejection of empty bags into the compactor

Advantages

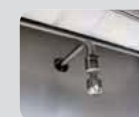
OPERATING PRINCIPLE



Options



Sack lifter

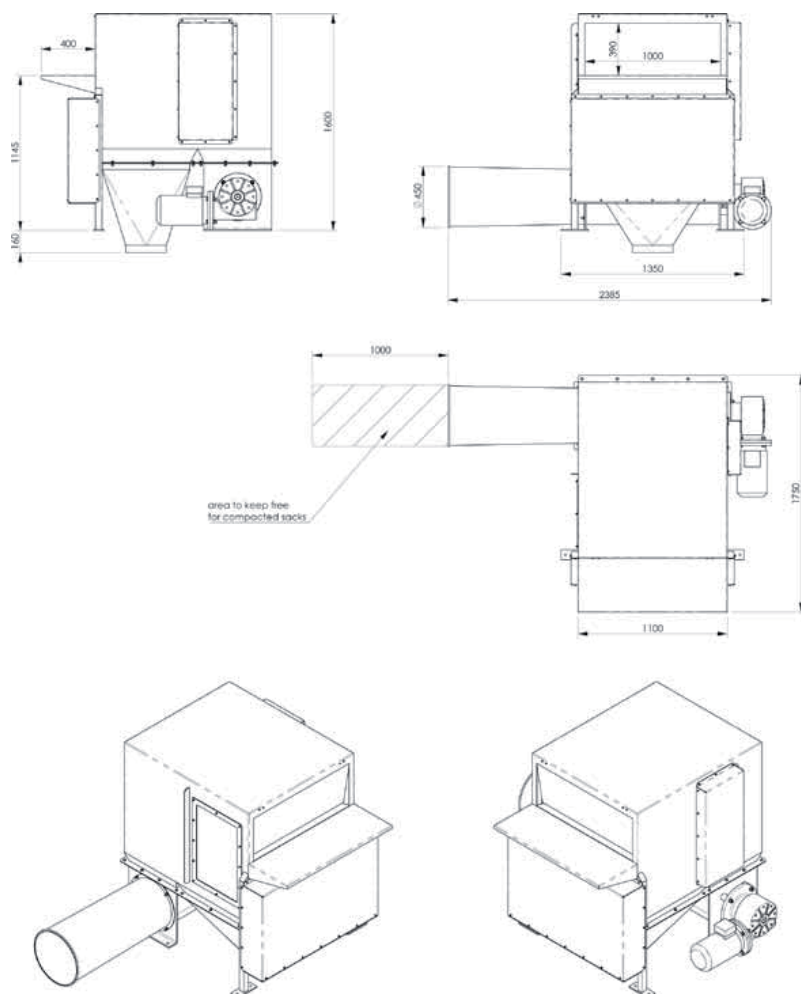


Rotative cleaning nozzles/heads - Clean In Place (CIP)

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► GENERAL LAYOUT



The SAS® bag dump system allows, due to its mode of operation, deconditioning of explosive material with a very low or low EMI. The moving parts included in the SAS provide slow speeds, thus avoiding the risks of sparks caused by impacts.

Electrical continuity of all the parts ensure safe operation. The dust collector offers maximum dust containment in an ATEX zone. Also, the bag opening is carried out when the door is closed: no external ATEX risk.

