Automatic bag dump station

SAS®
Patented system

Rate: 3 to 6 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 door closed, 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 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 comes 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

Ex AVAILABLE CUSTOM MADE

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

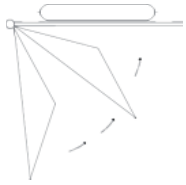
External gearing

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



1. Articulated cutting blade

2. Programmable cutting cycle

3. Shaking of the sack with articulated plates

4. Ejection of the emptied sack to the compactor

Options

Sack lifter

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

See all our options on pages 18-19

www.palamaticprocess.com/powder-machine/sack-solutions/automatic-sack-opening-systems
Downloadable videos & plans on our website

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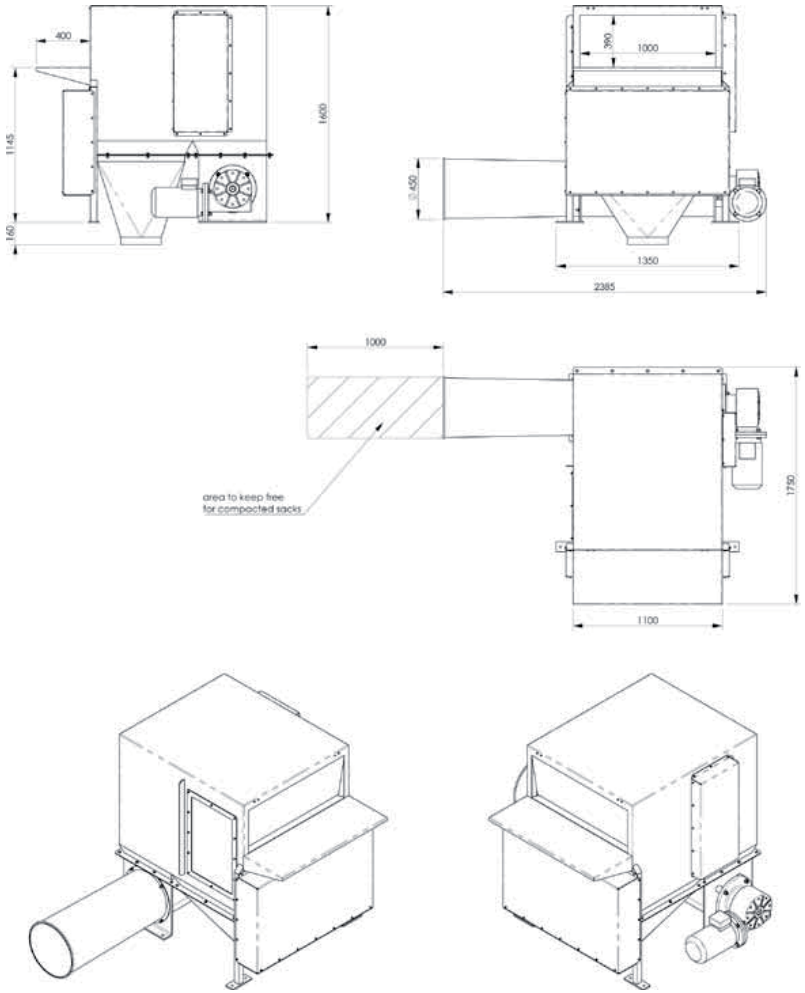
GENERAL LAYOUT



The SAS® bag dump system allows, due to its mode of operation, the deconditioning of explosives 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 bags opening is made with closed door: no external ATEX risk.