

Automatic bag dump station



Varislit®

Patented system

Rate: 6 to 12 sacks/min.
Capacity: 15 to 50 kg/sack
Manufacturing: mild steel, 304L stainless steel, 316L stainless steel

HIGH RATE DECONDITIONING, MULTI SACKS

The VARISLIT® automatic bag dump station is widely used in the food, pharmaceutical, chemical and agro-chemical industries. Its patented inversion system ensures a full discharge of the material and the feeding of the emptied sacks into the waste sack compactor. The optional dust extraction system provides the best solution for an efficient opening without dust contamination.

TECHNICAL SPECIFICATIONS

The rotating double blade system, which is standard on this machine, and its elongated shape can process large bags with an extremely high rate of discharge. The entire mechanics is positioned outside to avoid any contact with the material (bulk, powders ...).

ADVANTAGES

- Suitable for many types of bags : paper, polywo-ven, lined...
- Minimize the handling by the operator
- Increased productivity
- Reduced dust contamination
- Integrated sack compactor
- Easy to clean

Varislit®



➤ **Automatic cutting of the sacks** for a rapid opening and increased productivity

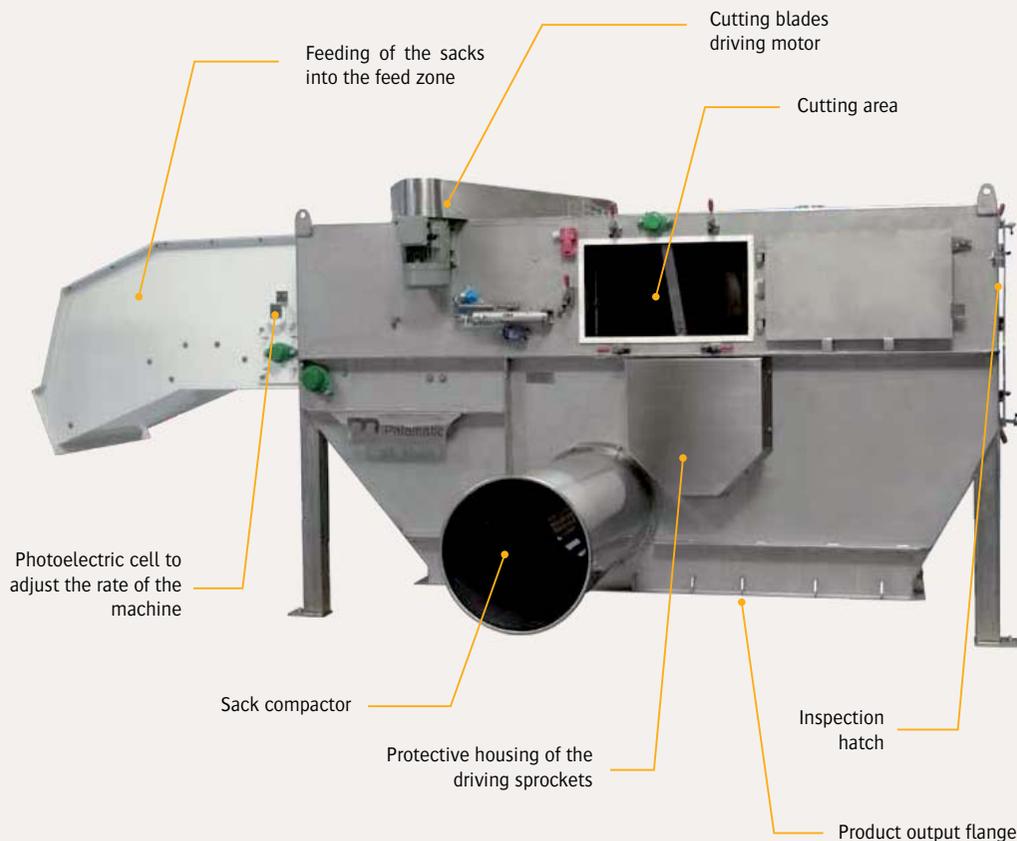


➤ **External gearing**



➤ **Screw compactor** to compact and discharge bags into a plastic sheath to secure the outlet of the compactor

Advantages



➤ **Inside view of the VARISLIT®** with the cutting system and the compacting screw



➤ **Sacks are cut on 3 sides** for a total opening and an integral emptying



➤ **Handling is made easier** for the operator and allows him to follow the speed of the machine



➤ **Monitoring touch screen PalTouch® technology**

VARISLIT® 6000 THROUGHPUT CAPACITIES

PRODUCTS	Sacks per minute
Peanuts	8-10
Coffee beans	6-8
PE / LDPE granules	10-12
Animal feed pellets	6-8
Dicalite	8-10
Sugar	6-8
Tea	8
PVC powder	5-7
Carbon black	6-8
Soya flour	6-8
Cement	8
Starch	6
Aluminium oxide	6-7
Caustic flake	6-8
Ammonium sulphate	6-7
Milk powder	6-8
Filter aid	6-7

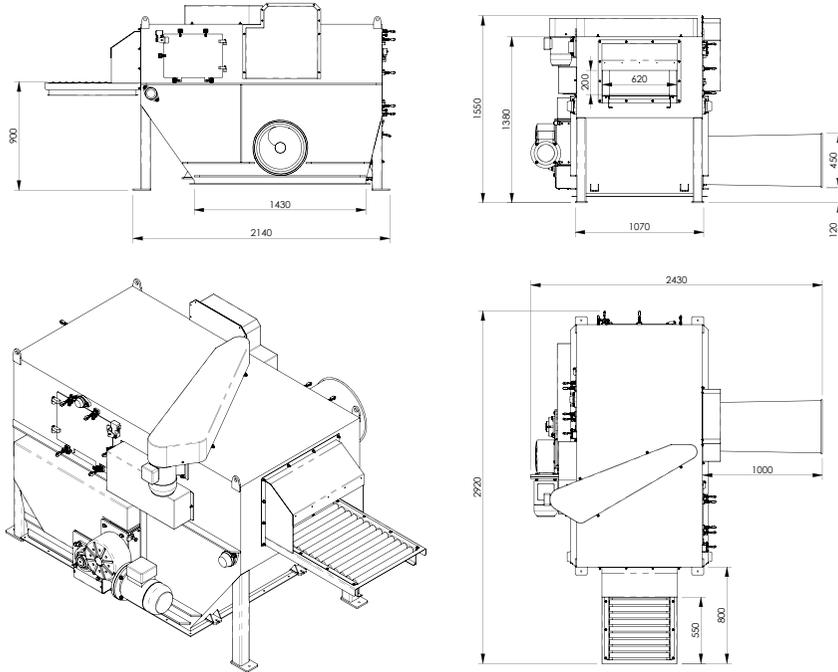
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▶ GENERAL LAYOUT



▶ OPTIONS



Hopper to add additives: pre-weighed and half sacks



Pre-crushing of the bags when passing bags with lumps. The passage of the bag in front of the detect sensor starts the crushing action



Extended body allows to process sacks with a maximum length of 1 200 mm



Vibrating chute allows to channel the material flow for introduction into the process upstream



Stainless steel static chute for the transfer of the powders into the process



Sack infeed conveyor allows the conveying of the sacks towards the drive belts

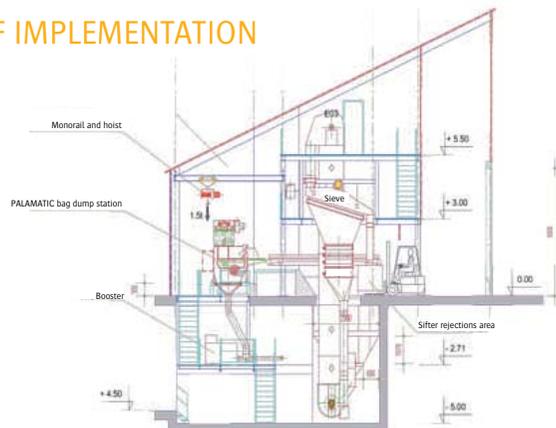


Holding roller to handle sacks whose weight is lower than 15 kg



Steel - Stainless steel manufacturing for all parts in direct contact with the materials handled

▶ EXAMPLE OF IMPLEMENTATION



▶ PRIOR INSTALLATIONS



▶ Milk powder process



▶ ATEX zone 21 implementation



▶ Reactor feeding through a sifter



▶ Deconditioning of cement with pneumatic conveying