

Automatic Bag Dump Station

AVAILABLE
CUSTOM
MADE

Varislit®

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 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 in standard version 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, polywoven, lined...
- Minimized operator's handling
- Increased productivity
- Reduced dust contamination
- Integrated sack compactor
- Easy to clean



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

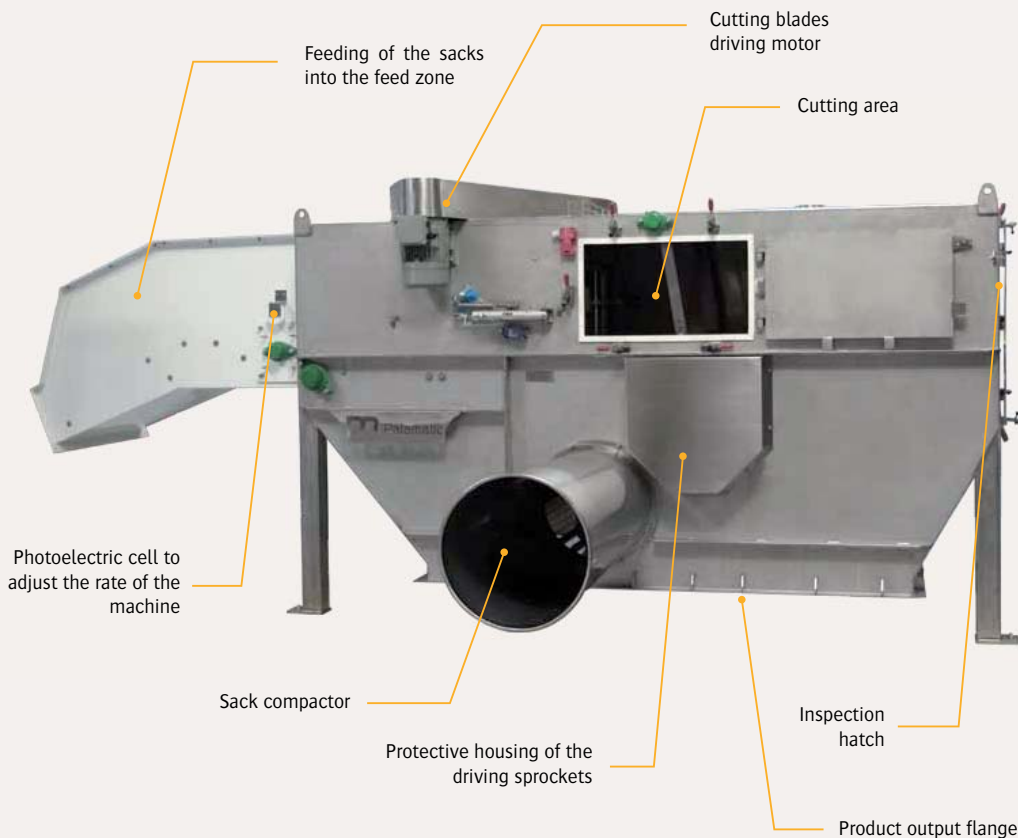


External gearing



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 monitor the speed of the machine



Monitoring touch screen PalTouch® technology

VARISLIT® 6000 THROUGHPUT CAPACITIES

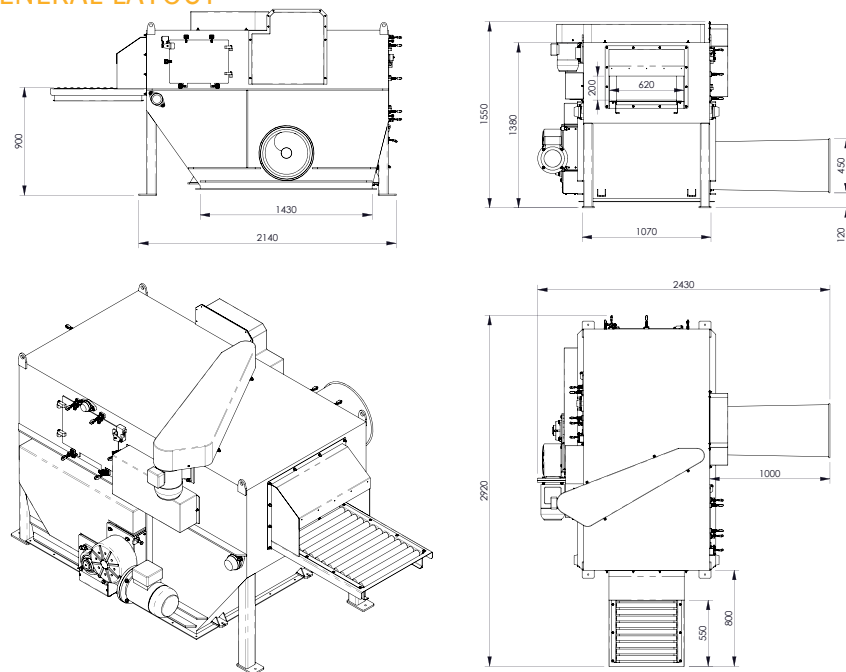
PRODUCTS	Sacks per minute
Peanuts	8-10
Coffee beans	6-8
PE / LDPE granules	10-12
Animal feed pellets	6-8
Dicalite	8-10
Sugar	6-8
Tea	8
PVC powder	5-7
Carbon black	6-8
Soya flour	6-8
Cement	8
Starch	6
Aluminium oxide	6-7
Caustic flake	6-8
Ammonium sulphate	6-7
Milk powder	6-8
Filter aid	6-7

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▶ GENERAL LAYOUT



▶ OPTIONS



Hopper to add additives: pre-weighed and half sacks



Pre-crushing of the bags during bags with lumps passage. 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 up to 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

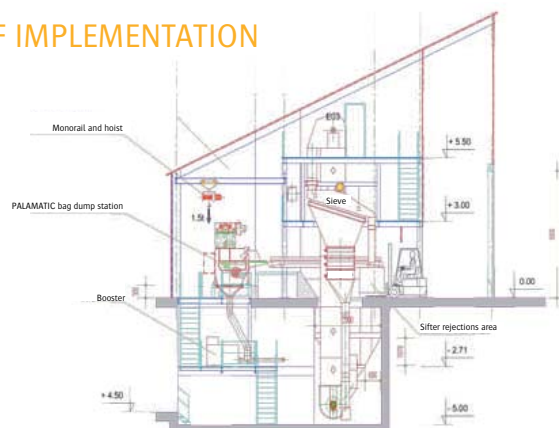


Holding roller to handle sacks of less than 15 kg



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

▶ EXAMPLE OF IMPLEMENTATION



▶ PRIOR INSTALLATIONS



▶ Milk powder process



▶ ATEX zone 21 implementation



▶ Reactor feeding through a sifter



▶ Deconditioning of cement with pneumatic conveying