

Automatic sack opening system



Minislit®

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Rate: 6 sacks/min.
Capacity: 15 to 50 kg/sacks
Manufacturing: steel or stainless steel (patented system)

AUTOMATIC OPENING WITHOUT ANY ADJUSTMENT

Designed to open sacks of pulverulent, the automatic sack opener MINISLIT® is available with a band cutting system. Adapted to multiple applications, from aggregates to pharmaceutical products, the parts of the automatic sack opening system MINISLIT® can be cleaned manually or mechanically with the option "Cleaning In Place" providing a complete washing and drying system (30 minutes cycle with washing and drying).

TECHNICAL SPECIFICATIONS

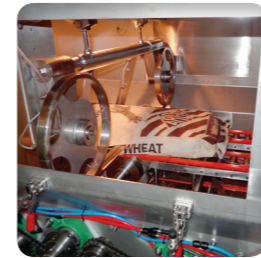
The cutting system produces a three sided cut on the sacks without tearing the material. The patented disc inversion system ensures a full discharge of the product. It is particularly suitable for food, chemical and paint industry.
 Like all other PALAMATIC PROCESS automatic sack opening systems, its design facilitates cleaning and maintenance processes with minimal retention areas. The mechanical driving and guiding parts are external which greatly limits the wear and offers the possibility to discharge products having a high degree of abrasion.

ADVANTAGES

- . Suitable for many types of bags : paper, polywoven, lined...
- . Minimize the handling by the operator
- . Increased productivity
- . Reduced emissions of dust
- . Integrated dust collecting device and sack compactor
- . The pneumatic belt cutting system is available with various options: carbon steel (high speed), stainless steel or diamond coated for applications with abrasive products



Tilting blade system



Automatic belt cutting system



Sack tube lifter and belt conveyor



Screw compactor for evacuation of empty bags and reduction of dust emissions

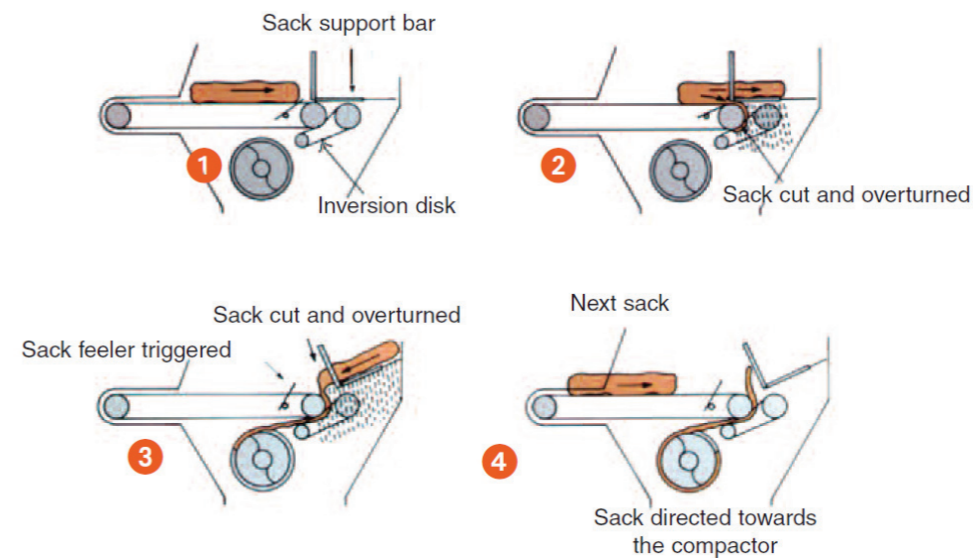


External gearing

Advantages



OPERATING PRINCIPLE



MINISLIT® THROUGHPUT CAPACITIES

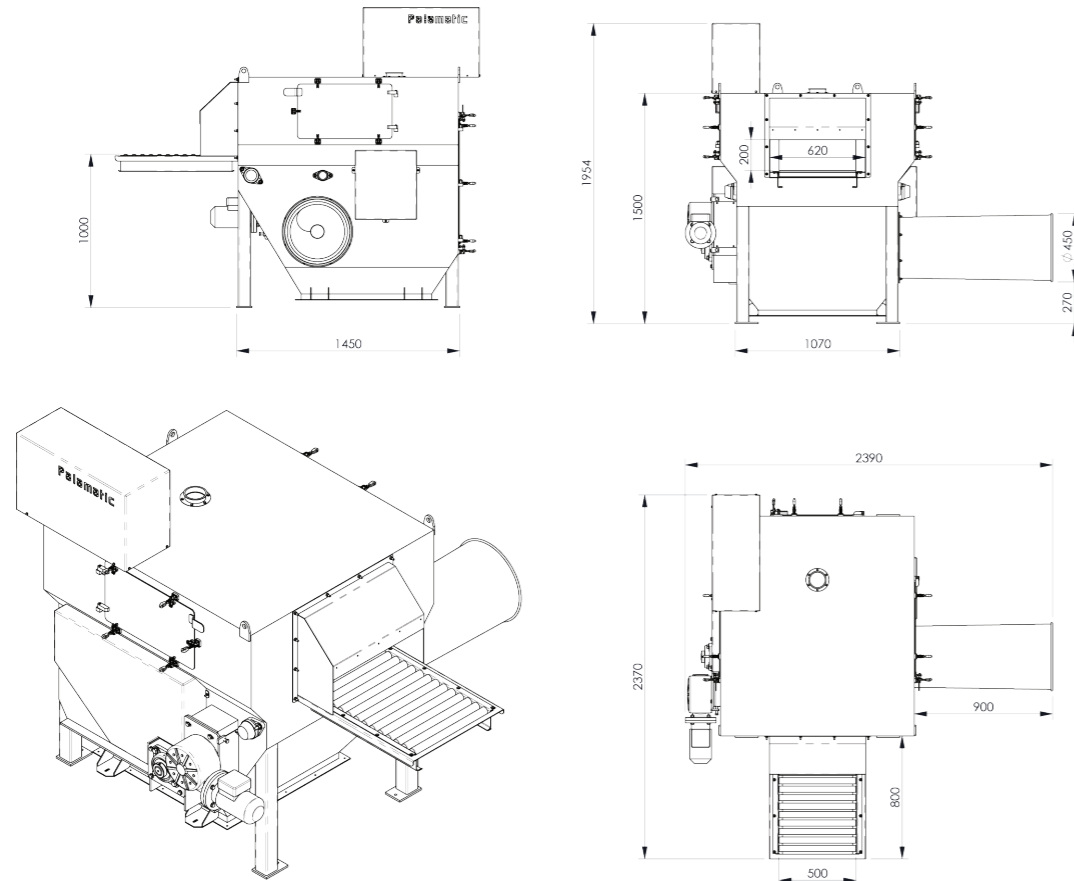
PRODUCTS	Sacks per minute
Peanuts	8
Coffee beans	6
PE / LDPE granules	8
Lentils	6-8
Animal feed pellets	5
Dicalite	6-8
Sugar	4-6
Tea	5
PVC powder	4-5
Carbon black	4-6
Soya flour	4-5
Cement	5-6
Starch	4
TiO2	4-5
Aluminium oxide	3-4
Caustic flake	3-4
Ammonium sulphate	3-4
Milk powder	5-6
Filter aid	4-5

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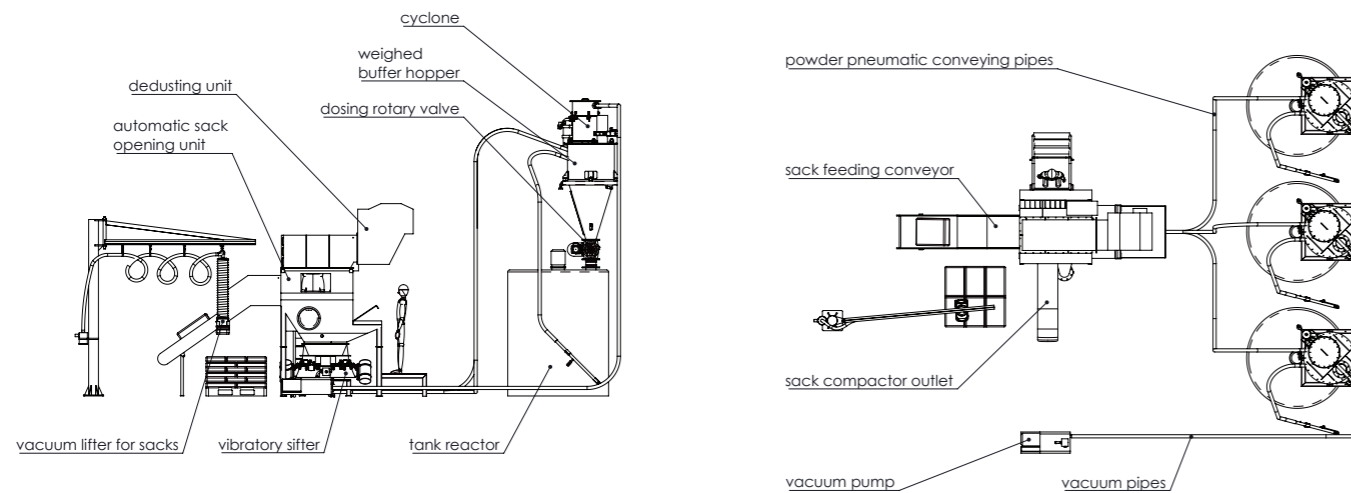
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▶ GENERAL LAYOUT



▶ EXAMPLE OF IMPLEMENTATION



▶ OPTIONS



Vibrating spout for dosing and homogeneous separation of your bulk products.



Dust collector system to vacuum fine particles.



Inclined conveyor to feed the unloading station.



Vacuum lifter for sacks for effortless handling and improvement of the production



Integrated lump breaker enables the machine to handle powders with lumps. The blades ensure the passage of the lumps through a calibrated screen.



The MINISLIT® automatic opening sack system is part of our test center for easy testing of any type of bags.

These industrial-scale tests are a guarantee of results and success of your project.



▶ EXAMPLES OF INSTALLATIONS



▶ Application in the paint industry



▶ Application in the food industry



▶ Facility for seeds