

Automatic bag dump station



Autotip®

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Patented system

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

SACK CRACKING AT VERY HIGH SPEED

The automatic bag dump station AUTOTIP® 1200 can open paper, polyethylene, synthetic and hessian sacks containing materials such as plastic granules, coffee beans, tea and rice.

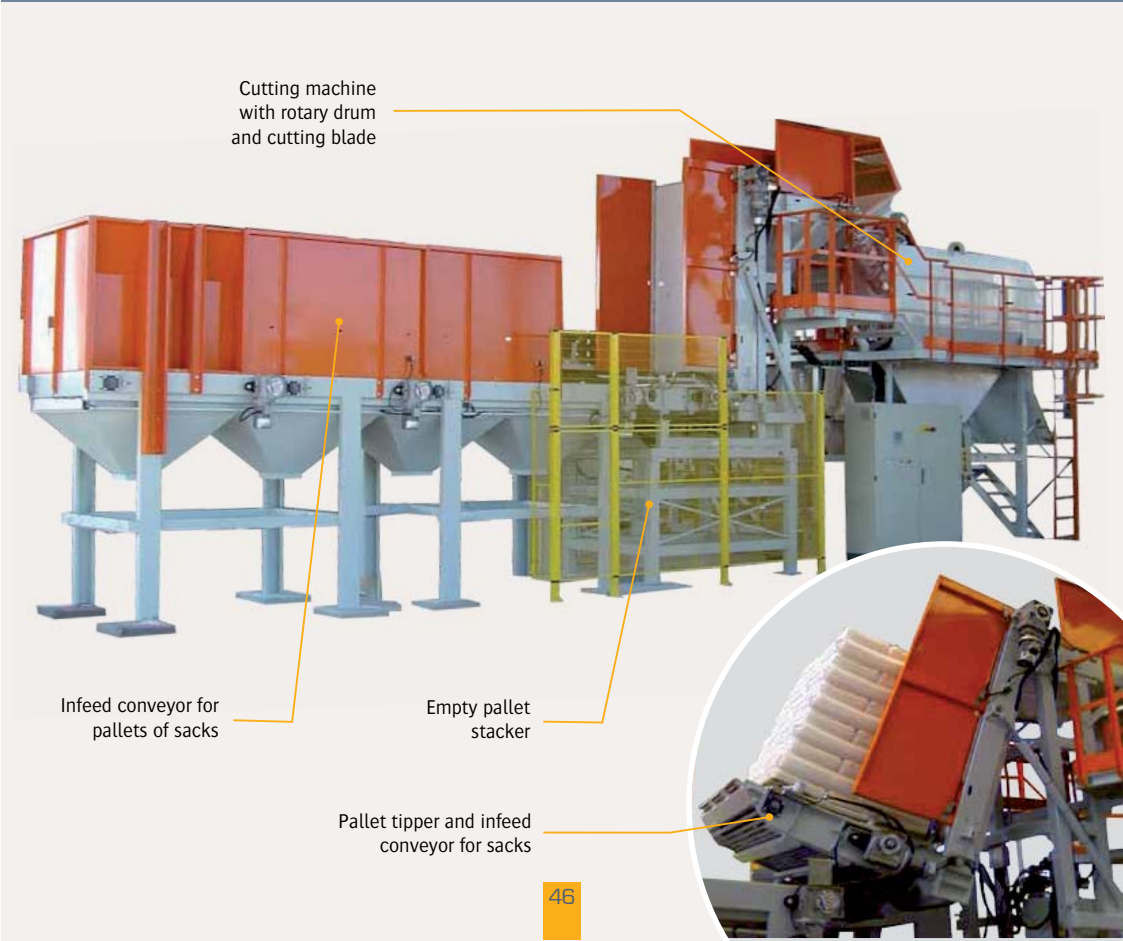
This machine, the biggest of the range, is designed to open bags at the rate of 15 to 20 bags per minute (up to 60 tons per hour).

OPERATING METHOD

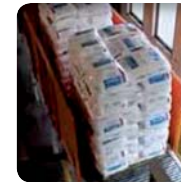
The bags are opened automatically using a pair of cutting blades. The material then passes through a sifter located directly below the cutting section. This system ensures that each bag is cut at least once. The material and the open bags are then transported by gravity in a rotary drum using the screw. The rotary drum ensures that the material is effectively separated from its packaging. This drum will convey empty packaging throughout its length and then supply a full screw compactor for collection of empty sacks in a polyethylene sheath. The material then flows through the screen situated directly under the rotating drum in a discharge chute (this action is performed by gravity). To complete the operation, the operator simply presses on a stop button on the control panel.

ADVANTAGES

- Suitable for many types of bags: paper, polywo-ven, lined...
- Can be used in areas with restricted head room
- Integrated sack compactor
- Increased productivity
- Reduced emissions of dust
- Easy to clean



▶ Rotative drum: separation of powders and sacks



▶ Types of sacks handled: paper and polyethylene



▶ Cutting system with rotative drum

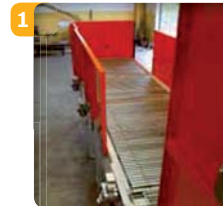


▶ Vibrating chute allows to channel the material flow for introduction into the process upstream

Advantages



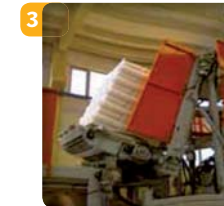
FEEDING PROCESS



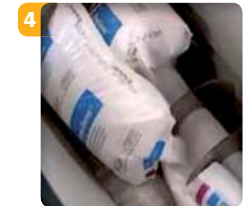
1 Infeed conveyor



2 Supply of full pallets



3 Tilting of the full pallet directly into the machine



4 Pre-cutting of the sacks

