

Case Study FFS Machines

Free flowing bulk product: Granulate

Customer requirements

Free flowing bulk product to be packed in a flat pillow PE perforated bag. The product arrives in a dynamic continuous flow and needs to be packed in ½ KG and 1 KG bags.

Product specifications

Product: granulate
Bag size: 190 width
Bag weight: ½ KG, 1 KG
Bag shape: flat pillow bag
Film material: perforated PE
Production capacity: 20 bags/min per machine

Packaging process

The product reaches the AVM through a filling tube. Due to the continuous flow, two AVM machines are receiving the product. One machine will be sealing while the other one will be filling.

The AVM will then make the bags which will fall on to a conveyor that brings the bags to a check weigher for control.

Application options

- AVM 190 HSI left side commanded
- AVM 190 HSI right side commanded
- Detection of nearly end of film on AVM
- Teflon coating in falling tube for sticky products



AVM 190 HSI Twin



Granulate



End of film detector