

# Case Study FFS Machines

## Potatoes

### Customer requirements

Packing of 5 KG potatoes in a flat pillow PE bag

### Product specifications

Product: potatoes  
Bag size: 190x400 and 320x550  
Bag weight: 5 KG  
Bag shape: flat pillow  
Film material: PE, 80 micron  
Production capacity: 25

### Packaging process

The required weight is measured by a scale and dropped into the AVM which will form a bag. Due to the weight and fragility of the product, a support table and catching plates are mounted. This prevents the seal from breaking and protects the potatoes from being damaged by a hard chute. The bag width of 320mm made it necessary to extend the machine to 320. Once the bag is made, a discharge conveyor transports the bag up to a normal working height.



AVM 280 Impulse extended to AVM 320

### Application option

- AVM 280 impulse extended to AVM 320
- Format set 190
- Format set 320
- Catching plates
- Support table
- Double stroke without lifting the machine
- Preparation printer
- Synchro cable
- Hopper between for 190 and 320 mm format
- Discharge conveyor



Catching plates



Packed product: potatoes