

# Case Study FFS Machines

## Chocolates

### Customer requirements

Packaging of various sizes of chocolates. Packaging of candy bars in a 6-pack.

### Product specifications

Product: chocolates  
Bag length: 100 - 240 mm  
Bag width: 40 - 100 mm  
Bag weight: 20 - 215 g  
Bag shape: flat pillow  
Film material: OPP, 40 micron  
Film width: 100mm, 160 mm, 200 mm, 235 mm  
Production capacity: 20 to 40/ min

### Packaging process

The product is manually put on the in-feed conveyor which transports the product to the flow wrapper. The in-feed conveyor is made of stainless steel and the belt is washable assuring a good hygienic function of the machine.

The in-feed conveyor feeds the chocolates onto the film with a certain distance in between. The film is first sealed into a form of tube by the center seal rollers. Because the film runs under the center sealers the heat does not damage the chocolates. The film is then sealed by rotating end sealers.

The euro hole is made at the same time. In order to make the Euro hole in the center of the bag, there is an adjustable guide plate to control the bag position.

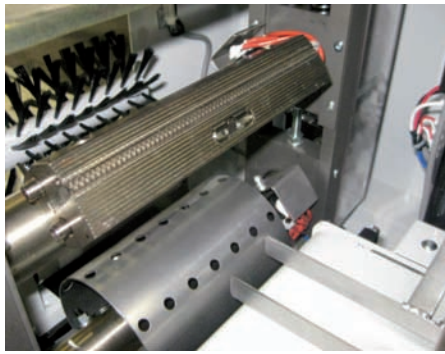


For frequent product change over, an adjustable bag former is used.

The printer was chosen for its possibility to run on continuous turning film.

## Application options

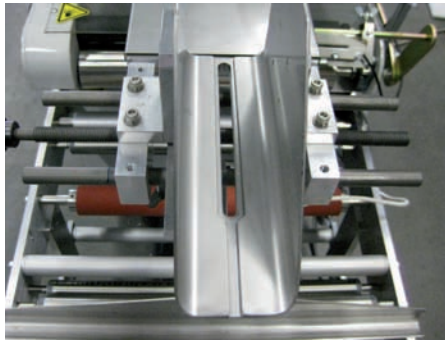
- AHM 380 R
- In feed conveyor
- Adjustable bag former
- Euro hole bars
- Dataflex 53 printer, continuous printing
- Clarisoft soft ware



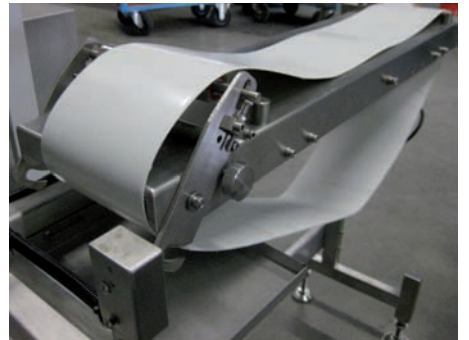
Product guiding plates and euro hole bars



Adjustable guiding plates



Adjustable bag former



Easy detachable infeed belt



Euro hole in package



Encoder for Dataflex 53 mm Videojet printer



Touch screen printer



Packed product