

Packing of enteral food into double-wall bags

Film handling and the manufacture of finished bags.



Enteral nutrition is used as liquid nutrition mainly in the intensive care of patients. Due to the application the sterile filled pouch made of aluminum laminate foil has to be inserted into an external bag.

Based on the standard Höfliger bag machine a special machine has been developed for the manufacture of this external bag. On this machine a plastic plate is welded on. On a downline machine an adapter is mounted on this plate, to which the overfeed device is connected for the later application.

In addition the line concept comprises complex units for insertion of the filled inner bag into the external bag. The external bag is welded closed and transferred to further processing.

The technical requirements for this include:

- Production of outer bags on two lanes
- Hotleaf printing of the outer bag with vision check
- Precise outer bag folding by means of web edge tracking control
- Servo-indexing of the packaging material, with print registration mark control
- Die-cutting of the foil for insertion of the plastic pc-board
- Feed, orienting and exactly positioned ultrasound welding of the plastic board

Technical data

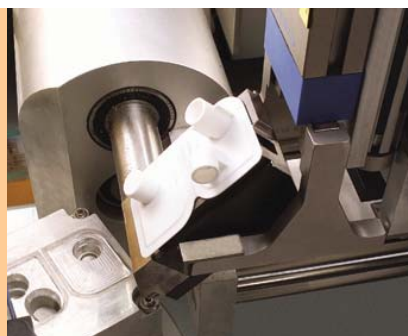
Output: 70 Double-wall sachets / minute,
Double lane production of external bags
35 strokes per minute and lane



You will find further informations in our brochure "Customized Solutions"



Coding with hotleaf printer, with subsequent print mark check



Checking of the assembled products to the correct pressing-in dimension



4-fold transfer of the bottom parts into the turntable