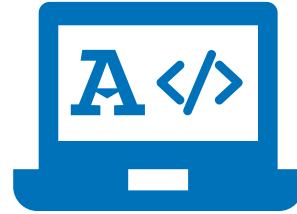
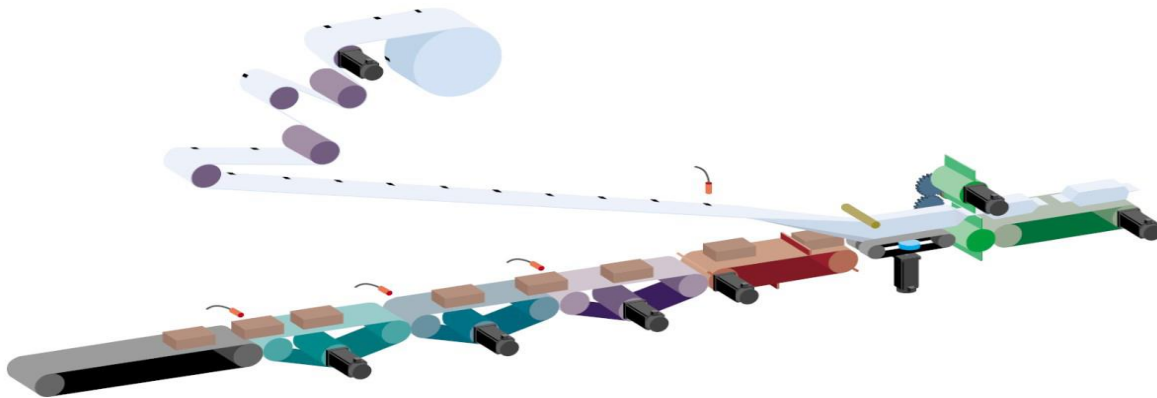


Applicative  
**FLOWPACK**  
HFFS  
Codesys



Complete motion control solution for the management of horizontal packaging machines HFFS (Horizontal Form Fill Seal)





**In this type of machine, the creation of the package and the longitudinal and transverse sealing are carried out horizontally and continuously.**

The application in the basic version, implemented on our controllers with CODESYS environment, provides the management of following areas:

- **feeding:** pile-up belts; phaser belt; aspiration belts; loader with pistons; signals for the interfacing with the infeed machine for the “on line” functioning
- **load:** finger belt; loading belt; aligner; presence/height check; 3 electric cams
- **bag modelling:** sealing wheels; film feed wheels; unwinder; film lateral centring; printer; labeller; doser; gas injection; preheating skids; cutting and winding of the swarf
- **sealing and cutting:** crimper; head height adjustment; programmed cut; 5 electric cams

- **discharge:** powered belt; rotating table; sensor of not cut bags rejection; diverter for production lots; signals for the interfacing with the outlet machine for the “on line” functioning
- **thermoregulation:** at various points of the machine
- **acoustic/visual signals.**

**For Industry 4.0 is present:**

- vertical interconnection to computer systems
- horizontal interconnection to machines
- program PC CMZ\_DataConnection to read/save/send data and files
- documentation.

In addition to the basic version, the **Plus** and **High Dynamic** versions are available that allow more performing machine management.

Go to CMZ registered area on website to download the complete Applicative Technical Sheet: [prv.cmz.it](http://prv.cmz.it)

