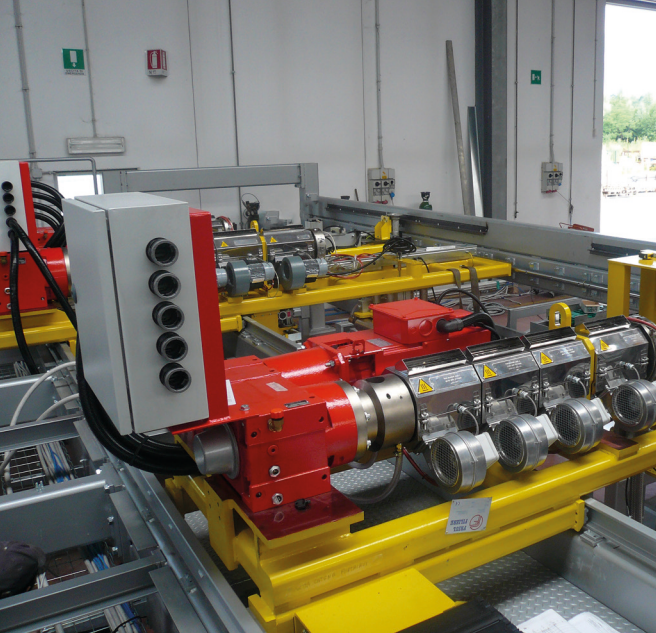




CASE HISTORY

COMPLETE PLANT FOR THE PRODUCTION OF RECYCLABLE
PROTECTION FILM FOR AGRICULTURAL SECTOR



Friul Filiere has achieved important results in the **agricultural sector** with a complete **turn-key project** for the production of recyclable PE protective film. In order to make the cloth **100% recyclable**, the traditional metal eyelets have been replaced with **reinforced co-extruded side bands**.

Friul Filiere has developed a **multiple coextrusion system** to reinforce the PE protective film used in grapevine plantations. The complete plant consists in several extrusion lines and auxiliary machines, all managed and controlled by just **one supervisor**, that it operates automatically all the units:

- Automatic feeding of the raw material into 3 extruders (nr.2 Omega S 60 and nr. 1 OmegaS 45) located on a special steel platform;
- Unwinding of the PE from 2 to 6 mt wide;
- Coextrusion process of 3 modified PE bands at the sides and in the middle of the film;
- Calendering phase;
- Punching on variable pitch punching unit;
- Haulage of the coextruded film into a vertical accumulator;
- Folding in a special machine equipped with automatic cutting system;
- Discharging belt unit

Thanks to a dedicated variable axle spacing, it is possible to move the extruders on the platform to adapt the distances between them depending on different film widths.

NAME

TURN-KEY PROJECT FOR THE PRODUCTION OF RECYCLABLE PE COEXTRUDED FILM

SECTOR

AGRICULTURE

TPOLOGY

MULTIPLE COEXTRUSION ON 2-6 MT WIDTH FILM

MATERIAL

PE

PECULIAR FEATURES

RECYCLABLE

