

## A NEW GENERATION OF HIGH OUTPUT EXTRUDERS FOR MULTILAYER BLOWN FILM LINES

AMUT DOLCI BIELLONI has developed a new range of extruders, especially designed for the blown film operation.

The targets to be achieved were the following:

- reducing the energy consumption per kg of production;
- increasing the mixing properties of the screws;
- increasing the output per hour.

The extruders range from a minimum diameter of 48 mm L/D35 up to 160 mm L/D35.

The performances are rather unique, the energy saving is around 20-25% and this has been achieved by installing a new generation of gearboxes and water-cooled motors and low shear screws.

**The results in terms of output represent a real breakthrough in blown film extrusion.**

The 48 mm extruder L/D35 has today the same performances as formerly was typical of 60 mm extruder L/D30 and the 60 mm extruder L/D35 has the same performances as formerly was typical of a 90 mm extruder L/D30. Obviously, the **saving in energy consumption** is evident, but also the **reduction of floor space** is one of the advantages.

These new features will be soon demonstrated on live demos to our customers.

