

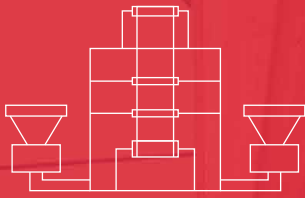
Laboratory



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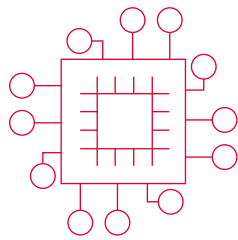


Blow film lines

Tecnocanto blow film lines are designed for testing extrusion of mono-layer or multi-layer tubular film.

Our systems allow to use virgin or recycled polymers, as well as some biopolymers. We offer a big range of models, starting at the plug&play MC-LAB-BFL180 up to the 5 layers MC-LAC-BFL250-5.

Our newest development is the model MC-LAB-BFL200, with an easy system to launch the film up to the winder, and also a world premiere: **extrusion of the film + filter test function at the same machine.**



MC-LAB-BFL200

High tech single layer film

- ✓ High tech machine with easy system to launch the film.
- ✓ Die head with 30mm tool + thickness adjustment.
- ✓ Cooling ring with air blower with frequency converter.
- ✓ Melt temperature and melt pressure sensors.
- ✓ Manual screen changer.
- ✓ Filter test function - Measures the contamination at the melt.
- ✓ Backlight to detect film imperfections.
- ✓ Puller with pneumatic opening and closing.
- ✓ AC motors with frequency converter.
- ✓ Winder with torque control and 200mm width.
- ✓ Screw ratio 20-28D able to produce LDPE.
- ✓ Output up to 3-5Kg/h.
- ✓ PLC control with touch screen interface 15".
- ✓ Data analyses software + data export.
- ✓ INDUSTRY 4.0 ready.



MC-LAB-BFL200

MC-LAB-BFL180LC

Plug&play single layer film

- ✓ Best relation price/quality.
- ✓ Diehead with gap adjustment.
- ✓ Cooling ring with blower.
- ✓ Puller with pneumatic opening and closing.
- ✓ AC motors with frequency converter.
- ✓ Winder with 180mm width.
- ✓ Screw ratio 20-28D able to produce LDPE.
- ✓ Output up to 3-5Kg/h.
- ✓ PLC control with touch screen interface 5.6".



MC-LAB-BFL180LC

MC-LAB-BFL250

High tech 1 / 3 / 5 layers film

- ✓ High tech machine.
- ✓ 3 different setups available: 1, 3 or 5 layers.
- ✓ Die head with 60mm tool + thickness adjustment.
- ✓ Cooling ring with air blower with frequency converter.
- ✓ Melt temperature and melt pressure sensors.
- ✓ Manual screen changer.
- ✓ Tower with motorized height adjustment.
- ✓ Backlight to detect film imperfections.
- ✓ Puller with pneumatic opening and closing.
- ✓ AC motors with frequency converter.
- ✓ Winder with torque control and 250mm width.
- ✓ Screw ratio 20-28D able to produce LDPE and HDPE.
- ✓ PLC control with touch screen interface 15".
- ✓ Data analyses software + data export.
- ✓ INDUSTRY 4.0 ready.



MC-LAB-BFL250





MC-LAB-PSM

MC-LAB-PSM Compound

These compounding lines designed to produce pellets/granules of a variety of polymeric materials.

The main propose of the machine is to test different formulations of masterbatches and compound.

These coumpound lines can integrate a single screw extruder or a co-rotating twin screw extruder, producing several strands that are cooled, cutted and dried at the end. The cooling system is ider a cooling tank with water or a special table with air blowers.

These special lines have different configuration and sizes available.



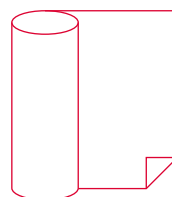
C-LAB-CAST300CC

C-LAB-CAST300CC Cast film

Our cast film lines are specially made for quality testing of samples of film made from a big variety of polymers within standard polyolefins or biopolymers 20 to 300 microns of thickness.

These cast film lines can integrate a single screw extruder, a co-rotating twin screw extruder, or even with co-extruders up to 3 layers.

The flat die and downstream are available in 3 different sizes: with 200, 300 and 500mm.



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