

Sustainability that pays off.

Film production technologies for a functional circular economy

**BRÜCKNER
MASCHINENBAU** 

A Member of Brückner Group



Film production technologies for a functional circular economy

Plastic packaging can, and must, be optimised in respect to its recyclability. The stretched film, processed into the most varied packaging must meet the requirements for a sustainable circular economy. Brückner Maschinenbau develops its machine technology with regard to this.

The best way to reduce plastic waste is to close recyclable material cycles. Recyclable plastic packaging is a decisive factor on the way to a functional circular economy. In the field of plastic packaging new film types and production technologies offer important solutions. Brückner Maschinenbau has developed suitable concepts for film stretching lines:

The focus is on the production of single-origin films with the highest recyclability: All raw materials in these single- or multilayer films originate from a common polymer group and can therefore be recycled to high-quality regranulate. These monomaterial structures from PP, PE or PET meet the highest requirements for thermic and dynamic stability and display excellent barrier properties.

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Thanks to their minimal thickness, they are also extremely resource-efficient.

Facts:

- Resource efficiency thanks to minimal film thickness
- Avoidance of food waste
- Contribution to the circular economy
- New film types and production technologies
- Recycling to high-quality regranulate

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