

CYPET Technologies is set to disrupt the global IBC market with PET IBCs for a circular economy

CYPET Technologies, European manufacturer of PET Injection Stretch Blow Molding machines, is about to change the global Intermediate Bulk Container (IBC) market.



Using its extensive injection stretch blow molding experience for large PET containers and following an intensive development program, CYPET is announcing the extension of its technology, to stretch-blow-mold 1,000 Litre IBC liners from PET. CYPET is looking to strike a strategic co-operation, for a partnership to implement the PET IBC liner project globally.

Converting an IBC liner from the current HDPE to the new PET has huge environmental and economic benefits, that are expected to disrupt the market.

- **LESS PLASTIC:** The PET liner's 35% lower weight has the potential to reduce the plastic used in IBCs by 150,000 tons per year.
- **LESS ENERGY (& CO₂):** Less energy expended to produce and transport the liners, with the associated reductions in carbon emissions.
- **LESS WATER & CHEMICALS:** Low cost PET liners would make rebottling of used IBCs more attractive than washing, eliminating consumption of water and cleaning chemicals.
- **CIRCULAR ECONOMY:** PET liners can be 100% recycled and used again to make new liners or other PET containers, for a circular economy.
- **TRANSPARENCY:** Unlike HDPE liners, PET liners can be produced with glass transparency, providing the capability of visually inspecting the IBC contents.

These advantages make PET liners ideal for the rebottling of used IBC's, offering a cost-effective alternative to washing, especially for food contact applications. . CYPET saw the

market potential for PET IBC liners and invested in the design and engineering of a larger, more advanced production system for these containers.

“CYPET’s technology is taking PET where it has never been before. This opens up a new range of opportunities, yet to be explored. We are very excited to see how this leap in PET processing technology will improve the environmental impact, economics and performance of IBCs in the bulk packaging industry” – Constantinos Sideris, Managing Director, CYPET Technologies.

CYPET Technologies has been known for stretching the limits of PET processing, by using its unique technology to mold very large PET containers. This has enabled PET packaging to enter into new applications, not accessible to it in the past:



50 Ltr Drums



50 Ltr Beer Kegs



55 Ltr Crates



120 Ltr Drums

The company holds the world record for the biggest PET container in production, with 120 Litre open-mouth PET drums of 400 mm neck diameter. CYPET had exhibited its K 53 machine at the K 2019 fair, producing 120 Litre drums.



120Ltr PET Drum Production on a CYPET machine at K 2019



Moving from drums to IBC liners was the next natural step. The used IBC market is growing very fast and CYPET is convinced that introducing PET liners, will change the market for the better.

To learn more, contact CYPET Technologies at info@cypet.eu



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