

Cullet sublimation



DRYON - fluidized bed dryer



Binder+Co de-labelling machine



Input before cullet sublimation



Glass after cullet sublimation



Glass after optical sorting

Binder+Co has developed an efficient method for the optimum preparation of waste glass cullet for sensor-based sorting.

Waste glass recyclers increasingly have to face more impurities in cullet, but at the same time the industry is trying to increase the yield of glass from waste. The sensor-based sorting technology from Binder + Co ensures minimum glass loss with a maximum degree of separation.

In order to optimally prepare the waste glass cullet for sorting, Binder + Co has developed cullet sublimation. Mostly independent of fluctuating moisture and the degree of soiling from fine adhering cullet and foreign particles, the waste glass cullet is cleaned, which makes it more easily detectable.

The essential process steps are: drying - cleaning - polishing - dust removal.

The DRYON fluidized bed dryer ensures efficient drying and simultaneous cooling of the waste glass cullet. The low-wear process and low energy costs are significant advantages.

The highly soiled material from dust and build-ups is cleaned in a so-called dry-washing process in the Binder + Co de-labelling machine. Gentle abrasive wear of the material is created in the label remover with transport paddles, which frees the glass cullet from build-ups and dust.

An extraction and dust removal unit completes the fragment sublimation.

- Processing Technology
- Environmental Technology
- Bagging Technology

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