



MultiPet uses Sesotec sorting systems to improve quality in PET flake recycling



MultiPet GmbH (Germany)

Product:

FLAKE PURIFIER

Using PET bottle waste as source material, MultiPet GmbH in Bernburg manufactures PET flakes for the plastics-processing industry. For the purpose of quality improvement MultiPet GmbH uses recycling sorting systems made by Sesotec in PET flake processing.

MultiPet GmbH was founded in the year 2001 and started production with a new PET recycling plant. Today the company processes up to 35,000 tons of PET waste every year. The Multiport GmbH sister company also is located in Bernburg. Multiport processes up to 38,500 tons of HDPE and PP waste and produces customer-specific regranulates. The two plants in Bernburg thus have a total capacity of more than 70,000 tons per year.

The two companies in Bernburg presently have more than 150 employees.

Right from the start recycling sorting systems of Sesotec were used to separate colours and metals from PET flake flows in the PET recycling plant. With a volume of Euro 1.2 million MultiPet GmbH specifically invested in the optimisation of existing plant components with new recycling sorting systems. The existing sorting stage was supplemented with an additional stage, which in addition to colours and metals also allows the reliable separation of unwanted plastics.



MultiPet GmbH in Bernburg uses two Sesotec FLAKE PURIFIER sorting systems for correctly coloured and correctly sorted PET flake recycling.

For this purpose Sesotec supplied two FLAKE PURIFIER multi-sensor sorting systems together with suitable installation and material conveying components.

Equipped with multi-spectral sensors for the separation of foreign polymers and true-colour sensors for the removal of wrong colours, the sorting systems provide highest qualities in the end product with a minimum loss of good material. These positive quality changes with

respect to the specifications for recycled flakes perfectly match the increased quality demands of the customers of MultiPet GmbH.

Sesotec - an overview

The Sesotec group is one of the leading manufacturers of machines and systems for contaminant detection and material sorting. Product sales primarily focus on the food, plastics, and recycling industries. Sesotec's global presence includes subsidiaries in Great Britain, Singapore, China, USA, France, Italy (2), India, Canada, Thailand, a representative office in Turkey, and more than 60 partners all over the world.

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