

HERBOLD Meckesheim Hot Washing systems for high quality recyclates

Hot Washing Process as a practical complement to existing washing technology



Hot washing represents an important process step for increasing quality.

As demand for recycled plastics increases, the quality demands increase alongside it. Herbold Meckesheim meets this challenge of producing high recycling quality in large quantities by integrating this process step, which originated in the recycling of PET bottles, into other areas of the plastic recycling process like PO film.

In the meantime, hot washing is also used for other items, such as thermoformed film, trays and film used in the packaging industry.

⇒ The end result of the clean flakes speaks for itself: Fatty impurities from remnants of

for example body lotion, cooking oil or sun-cream are dissolved and washed away, as are residues from labels and their adhesives. This clean flake material has reduced odour, is clear and does not yellow.

With optimum temperatures, a suitable dwell time and optimum use of additives, Herbold Meckesheim's hot washing process yields excellent cleaning results.

Available as Upgrade for all Film and Hard Plastic Washing Lines.

Herbold Meckeheim Hot-Wash can achieve:

- Removing of sticking impurities (paper, label, glue)
⇒ No glue – No “yellow flakes” – Less yield loss
- Minimize organics ⇒ Reduction of smell
- Food grade material preparation
- White „clean“ appearance



Our Product Range

Size Reduction

- Shredder
- Granulators
- Pulverizing Systems

Washing / Separation Systems & Components

- Pre-washing Units
- Friction Washers
- Separation Tanks and Hydrocyclones
- Mechanical and Thermal Drying
- Water Processing

Agglomeration

- Plastcompactors

Service

- Parts and Overhauls
- Inspections and Trouble Shooting
- Upgrades and Performance Service

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Specifications are not binding and subject to change without notice. 10 / 2023