

The basics of

Plastics Recycling



Consumer Waste

Waste originating from users, i.e. individual persons, households, and offices.



Industrial Waste

Waste material resulting from manufacturing or production of plastic goods.



Chemical Recycling

Using chemical recycling, fossil-based resources can be recovered from plastic waste and fed back into the production process.



Mechanical Recycling

Mechanical processing, such as washing, separating, drying and compounding of used plastics. The chemical structure remains unchanged.



Sorting

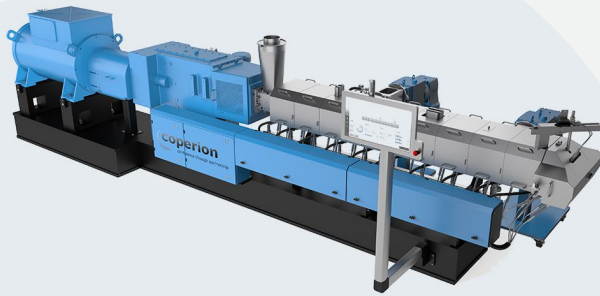
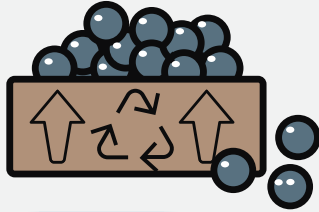
Processing

Manufacturing



Upcycling

Processing of recycled pellets in order to transform them into higher-value compounds.



Coperion's ZSK Mc¹⁸ twin screw extruders are highly suitable for recycling processes as within the process section homogenization and devolatilization of recyclates take place with highest intensity.



The highly accurate Coperion K-Tron K3 Vibratory Feeder is especially suited for gentle gravimetric feeding of friable products.

And always remember to...



...reduce



...reuse



...recycle



Coperion is the market and technology leader in extrusion and compounding systems, feeding systems and bulk material handling plants.
For more information please visit www.coperion.com or contact info@coperion.com

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