

Kerbside waste recycling

Brown bin waste / Commingled waste



The kerbside waste recycling process handles domestic organic waste, commercial organic waste, shop returns from supermarkets and restaurant leftovers often packed in plastic bags.

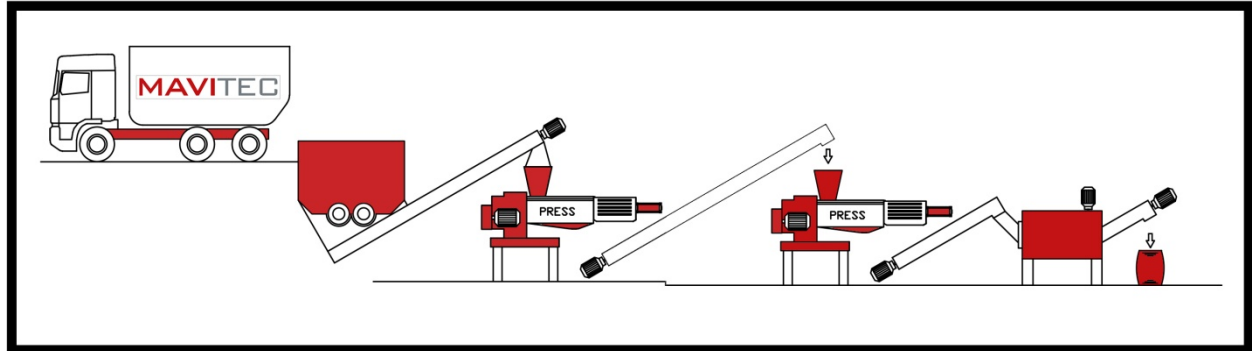
Application of kerbside waste

The organic co-products are highly digestible which makes them perfect for biogas installations. Before anaerobic digestion can take place the plastics, metal, carton or other materials first needs to be removed. If these inorganics are not removed before entering the biogas installation it will cause all sorts of problems throughout the whole process. Problems like floating layers of inorganics, sedimentation of inorganics, wear on pump/piping etc.. The inorganics will not digest and therefore the digestate cannot be spread across the land. Mavitec Green Energy is able to remove to produce a clean digestible organic with less than 0,5% content of inorganic.



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Separation Process

Mavitec Green Energy has developed a proven systems for the separation of the organic from non-organic materials. Our kerbside waste system consists of **two presses**. In addition a Washing Drum can be added to produce even cleaner packaging (up to 99,7%) and therefore reduce the costs of removal.



Due to ongoing product improvements, data shown here is subject to change without notice.
Contact Mavitec B.V. for latest specifications.



Galileistraat 20, 1704 SE Heerhugowaard, The Netherlands
Tel.: +31-72-574 59 88 - Fax: +31-72-574 55 48
E-mail: info@mavitec.com - www.mavitecgreenenergy.com