

## seepex pumps aid digestion.

Apetito is one of Europe's leading suppliers of quality frozen food and catering solutions for the healthcare, local authority and care home market.

The process of making ready meals produces unavoidable food waste from trimming, preparation etc. of raw materials.

### **The starting situation**

Originally this process waste from the Apetito factory was sent to landfill. The company was aware that this was neither cost effective nor environmentally friendly. Thus, an alternative disposal route for the waste was sought.

In addition, the waste was of a variable consistency which did not suit any one disposal route. The company needed to process the waste so that alternatives to landfill disposal could be found.

### **The solution**

seepex identified that the waste, due to its variable consistency and entrained solids, could be treated in an open hopper pump with auger feed screw and integral knives from the BTM pump range. This pre-treatment would chop the varied waste and produce a slurry which was suitable for alternative disposal methods.

A seepex BTM pump with extension hopper, integral knives and control panel was installed and the waste from the site is tipped into this pump which chops it before pumping to a large storage tank. This waste is collected by tanker in 20 tonne loads and taken to a local anaerobic digestion plant where it is converted to biogas and soil improver.



**seepex BTM range pump**  
receiving waste from a tote bin

### The benefit

The customer has removed skips from the yard with associated hygiene problems and vehicle movements.

The volume of waste is reduced by chopping and it is also collected in larger quantities with reduced haulage costs.

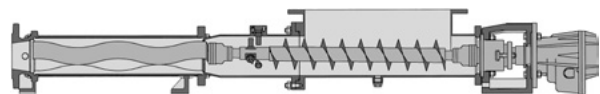
Perhaps most importantly all of the biodegradable waste has been diverted from landfill and is used to produce fertilizer and energy.

### Key Facts

- Improved Hygiene
- Reduced waste volume
- Improved Health and Safety
- Waste diverted from landfill

### Significant Cost Savings

- Haulage costs reduced
- Waste disposal costs reduced



### Installed Pump Type

- Range BTM

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