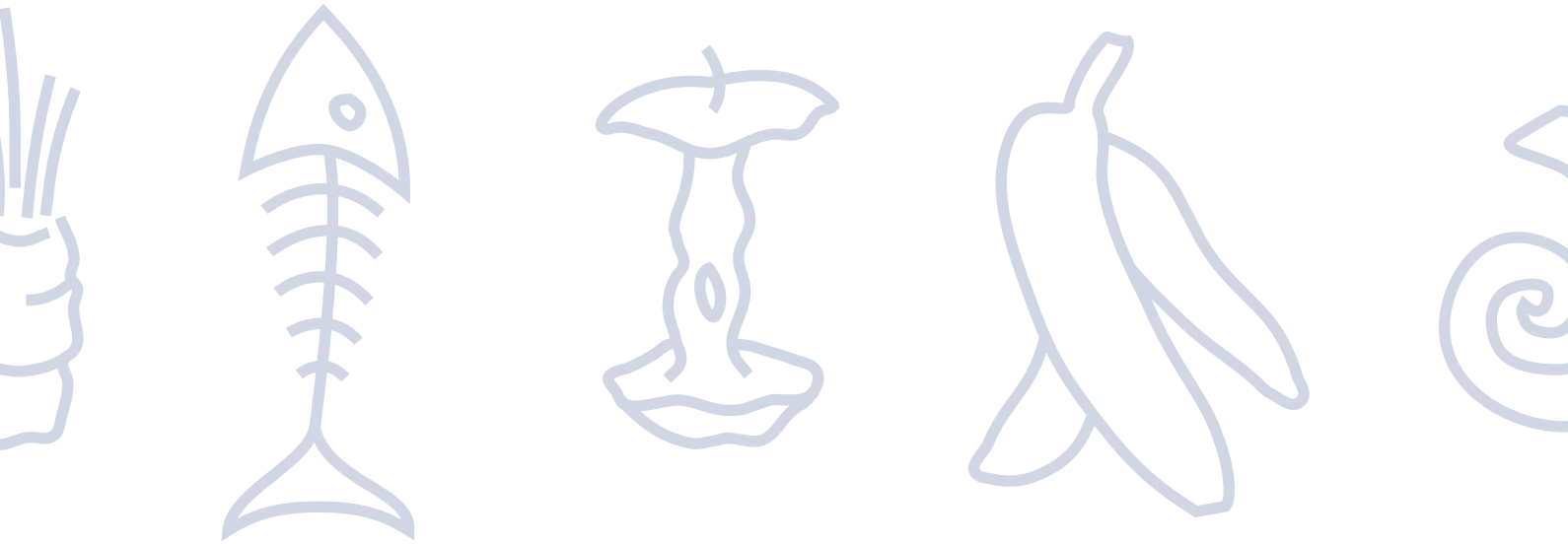


seepex.com

all things flow

seepex Pumps for Food and Beverage Waste Management



seepex Pumps for Food and Beverage Waste Management

All forms of food and beverage manufacturing, no matter how efficiently they operate, produce waste. Changes in legislation have resulted in disposal routes being severely restricted, especially land fill applications.

With dramatic restrictions being placed on organic matter and meat waste being allowed to landfill, the food processing industry needs to think carefully about waste management to minimize the potential harm to the environment and human health.

The actual movement of the waste throughout the processing facility to an external area for offsite removal can be inefficient, time consuming and very expensive. The traditional methods currently used include manual movement of waste bins, conveyors, compressed air and water flumes.

Yet there is another alternative, that not only transports the waste through a closed pipe work system, but also additionally shreds/macerates it so effectively that the volume is reduced by as much as 60%. This cost-effective and efficient solution for the movement of organic and meat waste is a seepex open hopper BTM pump.

The special feature of the seepex BTM range is the open hopper with an auger feed screw prior to the pumping elements, together with a set of patented rotating and stationary knives. The simultaneous transport within a closed system prevents an oxidation of the liquid and an environmental pollution by odors.

The combination of this unique patented design is now being extensively used to streamline many food waste-handling applications within factories, in-vessel composting, anerobic digestion and biogas applications.

Key Benefits

- Reduction in waste volume and particle sizes
- Reduction in offsite disposal and waste transport costs
- No manual movement of waste
- Closed system pumping through pipe work
- Improved health and safety
- Cleaner working environment
- No additional water required to transport the product
- Less energy - low powerconsumption

seepex pumps for waste handling

1. Meat-, fish- and poultry industry

- convey
- cooked meat
- fish, whole or parts
- poultry, whole or parts

2. Fruit- and vegetable handling

- convey
- potatoes
- carrots
- onions
- apples
- berries
- cherries
- pears
- melons
- soya

3. Brewery industry

- convey
- yeast
- spent grain
- spent hops

4. Dairy industry

- convey
- cream cheese
- condensed milk
- butter
- cheese
- ice cream

5. Dough handling

- convey
- cakes
- pies
- pasties

Meat, Dough

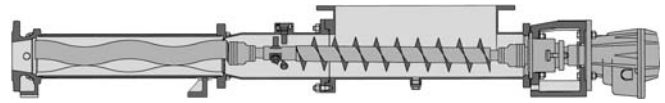


Vegetable

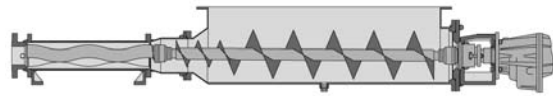


Typical Products

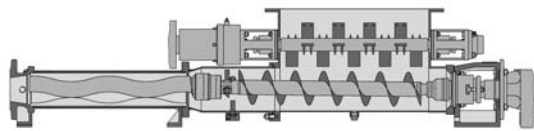
Range BTM _____
with integrated cutting device



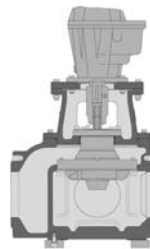
Range BTE _____
with tapered compression zone



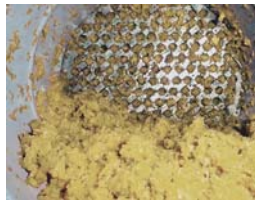
Range BTIM _____
with integrated cutting device and additional cutters on paddle shafts



Range I _____
for particle size reduction



Potatoes



Melon



Oranges



Salad



Wort



Ice cream



seepex.com
all things flow

And what can we get flowing for you? Your nearest contact:

Or visit www.seepex.com

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