

Waste Management System



Thinking of you
Electrolux

A brown metal trash can is overflowing with Euro banknotes and coins. The banknotes are of various denominations, including 500, 200, 100, and 50 Euro. The coins are also of various denominations, including 1, 2, and 5 Euro. The trash can is placed on a surface covered with more Euro banknotes and coins. The background is a light, neutral color.

Is there any way to
transform waste into
real money?

By using the new Electrolux Waste Management System!

Did you know that a single restaurant disposes more than 50 tons of organic waste per year? Is it possible to produce less garbage and be greener? Yes, it is!

The new Electrolux Waste Management System is an innovative system for the treatment of organic waste which allows:

- Up to **80% reduction** of the volume of organic waste, thanks to its unique process of waste treatment
- **Reduction of running costs** for the kitchen, since the treated waste can be stored in a standard environment, reducing or eliminating the need for additional refrigerated rooms
- **Reduction of waste collection costs** and of related environmental pollution, thanks to the possibility of avoiding landfilling and the transportation of the waste from the collection area to the landfill
- Production of a dry waste that can be further used to produce biogas or compost, allowing **complete re-usage of organic waste**.

What does this **mean for the environment?**

- Complete re-usage of the kitchen waste without landfilling
- Less waste collection service trips, thus less CO² emissions

Depending on the location and the quantity of waste to treat, two different systems are available:

The modular system

The components can be kept separate and situated in different rooms

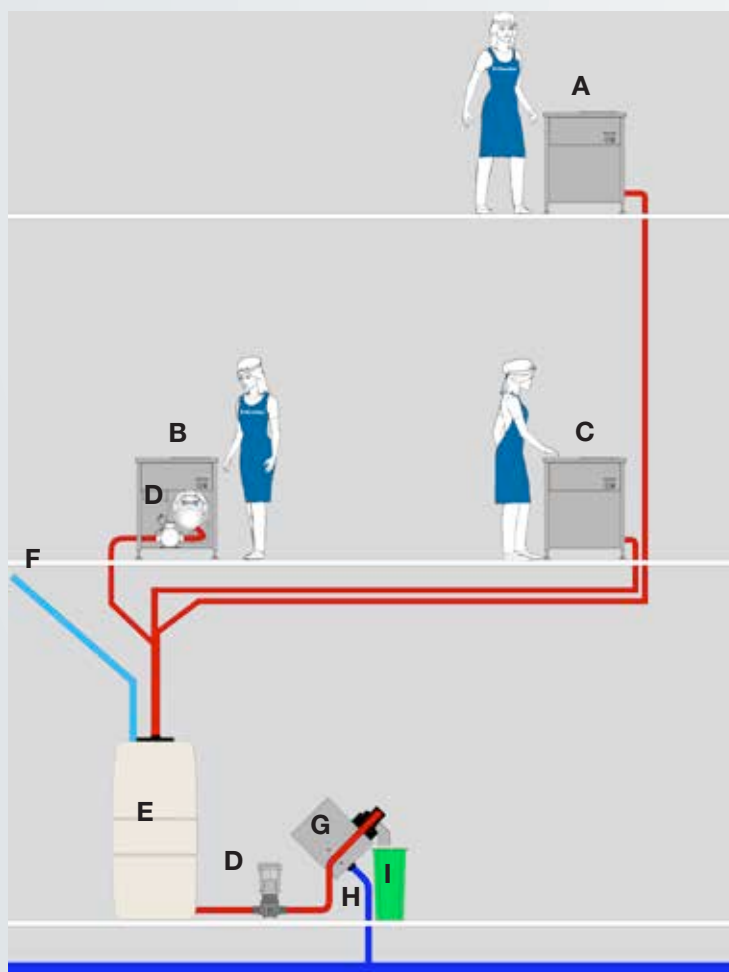
The compact system

The components can all be enclosed in one single unit

The Modular System

No matter how much waste you need to treat (from 80kg/day or more) the Modular Waste Management System is the ideal solution.

Composed of different units, which can be placed in separate rooms, it permits a physical division between the preparation, cooking or dishwashing areas and the waste collection zone, assuring no contact between the fresh food and the waste, avoiding contamination and guaranteeing **maximum hygiene**.



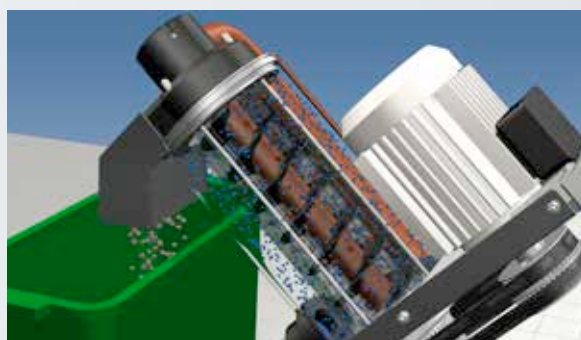
- A** Intake station 1
- B** Intake station 2
- C** Intake station 3
- D** Circular pump
- E** Holding tank
- F** Odour outlet
- G** Centrifugal dewatering press
- H** Water drain
- I** Waste bucket

How does it work?

- **1 or more Intake stations** grind the organic waste into small particles for further passage to the holding tanks



- **1 or more Holding tanks** temporarily store the waste and control the correct flow into the dewatering press



- The **Centrifugal dewatering press** extracts the water from the waste, eliminates it through a drain and collects the solid part into a separate bucket

Up to 80% reduction of the total volume of organic waste!

The Compact System

The perfect choice for sites with limited space and lots of business.

All-in-one system

The Compact System can be installed anywhere* as it only requires water and electrical connections.

Food waste is loaded through the intake, it passes through a grinding and centrifugal dehydration process, and is finally collected in a waste bin situated in front of the appliance. All in one unit!

*according to local legislation

The
most
compact
on the
market



300 kg/day



450 kg/day

Up to 80% reduction of the total volume of organic waste!

Whatever you eat, you can treat!

Any type of food debris can go into the waste management system and not only!



Materials that can be placed into the Waste Management appliances:

**FOOD remains
ANY KIND!**



Materials that can be placed into the Waste Management appliances following some simple rules*:

- **Bones (fish/meat) or shells (eggs/mussels, etc.)**
Biodegradable and compostable in typical "table" quantities
- **Paper (napkins, serviettes, tray papers)**
Should be collected and recycled separately but average quantities can be treated (no high-gloss paper)
- **Cardboard**
Should be collected and recycled separately but average quantities can be treated



Materials that can NOT be placed into the Waste Management appliances:

- **Plastic (drinking cups, knives, forks)**
Pollutes organic waste, must be collected and recycled separately
- **Tins and cans**
Pollutes organic waste, must be collected and recycled separately
- **Metal (knives, forks, spoons, coins, rings, etc.)**
Pollutes organic waste, must be collected and recycled separately
- **Cloth material (towels, clothes, etc.)**
Pollutes organic waste, must be collected and recycled separately



Range



COMPACT SYSTEM	WMSCP30F	WMSCP45F
Overall dimensions (mm)	750x950x910	750x950x1160
Performance (kg/day)	300	450
Electrical connection	400V/3N/50-60Hz	400V/3N/50-60Hz
Total installed power (kW)	3,3	3,8
Net weight (kg)	219	231

MODULAR SYSTEM

Ask Electrolux designers for a project/quotation according to your specific needs