

# JK 5100 - A Compost adapted to ecocycle



Robustly constructed of stainless steel for durability and hygiene



The JK5100 is an entirely new type of compost machine which features:

- a powerful, integrated shredder/grinder which chops up the waste material into small pieces
- an option for users to dispose of waste using compostable paper bags
- an optional automatic pellet doser, ensuring that the correct amount of pellets are inserted every time
- a unique mixing function which ensures production of a well-balanced compost

**Joraform AB**

We make composting easy and convenient!



# JK 5100 - environment, design, safety and quality

## Function

Waste is inserted into the hopper and macerated by an integral grinder before being ejected into the process chamber. Once in this first chamber, the waste is aerated and mixed with the incoming fresh waste by a newly-developed mixing technique. After about two weeks, the mixing mechanism passes the material into the second chamber to isolate it from any further contamination with fresh waste, in order to complete the ripening process. The ripening chamber is, of course, equipped with an independent mixing system. Having two, independently-controlled chambers ensures the best possible results in the most hygienic conditions.

## Design

The machine is designed to meet high expectations on hygiene and reliability, and is easy to maintain. The waste hopper is placed conveniently for all users, including chair-bound. The chambers have inspection hatches for monitoring the process from start to finish. The elegant and simple design facilitates the understanding of the different steps of the composting process.

1. Maceration of waste
2. Composting
3. Ripening
4. Emptying

## Quality

The JK 5100 is robustly constructed, with the body being made of stainless steel. All moving parts are replaceable for optimal working life. Grinding, mixing and aeration operations are variable and controlled in a programmable unit in the wall-mounted control panel, thus enabling the machine to be easily adapted for optimal composting of the particular waste stream.



### Technical facts

Outer dimensions	2 950 x 1 170 mm
Height	1 470 mm
Capacity	Up to ca 100 households <i>(Calculated on 2,3 persons/household. Ca 700 l/week with a density of 0,5 kg/litre)</i>
Mains connection	3-phase 16 A
Ventilation	Built-in fan
Material	Steel and recycled polythene

Patent pending SE 9704 605-6

