

# The JK 5100

## A Revolutionary Compost Machine



With receptacles made of 100% recycled household plastic



The JK 5100 is a completely new type of compost machine with a unique mixing action, made from recycled household plastic and stainless steel.

The JK 5100 makes it easy and convenient for you to compost for a large number of people whatever your situation.



# SmartSoil Ltd

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# The JK 5100

## Designed for safety, quality and the environment

### Function

For obtaining the best possible results in accordance with strict hygiene requirements, the unit comprises two separate chambers each with its own independent mixing mechanism. Before entering the first, processing chamber, all waste passes through the built-in grinder/shredder. Once in the process chamber, the waste is continually treated and aired using a newly-developed mixing technique. After about a fortnight, during which time waste is continually added, the mixing mechanism passes the material into the second, ripening chamber to complete the composting process.



### Environment

An important part of the manufacturer's philosophy is to develop products made as far as possible from recycled or recyclable materials. The chambers of the JK 5100 are made of 100% recycled household plastic.

### Design

The unit is designed for ease of use and maintenance. Both chambers are equipped with inspection hatches, enabling the process to be monitored at all stages. A programmable control panel allows for adjustments in operation to suit the general composition of waste to be processed. This, combined with the ability to control air-flow and moisture content, ensure hygienic operation and a perfect result. The chute for depositing the waste is placed conveniently for the user, including those who might be chair-bound. To ensure safety, the hatch is automatically locked while the grinder is in operation. The machine is emptied mechanically at the touch of a button.

### Quality

The JK 5100 is robustly constructed from 5mm thick stainless steel and recycled plastic. All parts are replaceable for optimum working life.

#### Technical facts

Outer dimensions	3000 x 1240mm
Height	1505mm
Capacity	Up to ca 100 households <i>(Calculated on 2,3 persons/household. Ca 700 l/week with a density of 0.5kg/litre)</i>
Mains connection	3-phase 16 A
Ventilation	Built-in fan
Placement	Frostproof place
Material	Steel and recycled polythene

Patent pending SE 9704 605 - 6

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