

# NEW, IN-VESSEL REACTOR FOR TREATING AND REDUCING FOODWASTE ONSITE. CAPACITY UP TO 130 LITERS PER DAY



## REDUCTION OF FOODWASTE

BioSpeed M1 reduces the amount of waste by up to 70-90% and has a capacity of treating about 80-130 liters- or 48-78 kg. per day.



## EU REGULATIONS

BioSpeed M1 is an innovative product that treats organic waste cat 2 and cat 3, according to EU regulations.



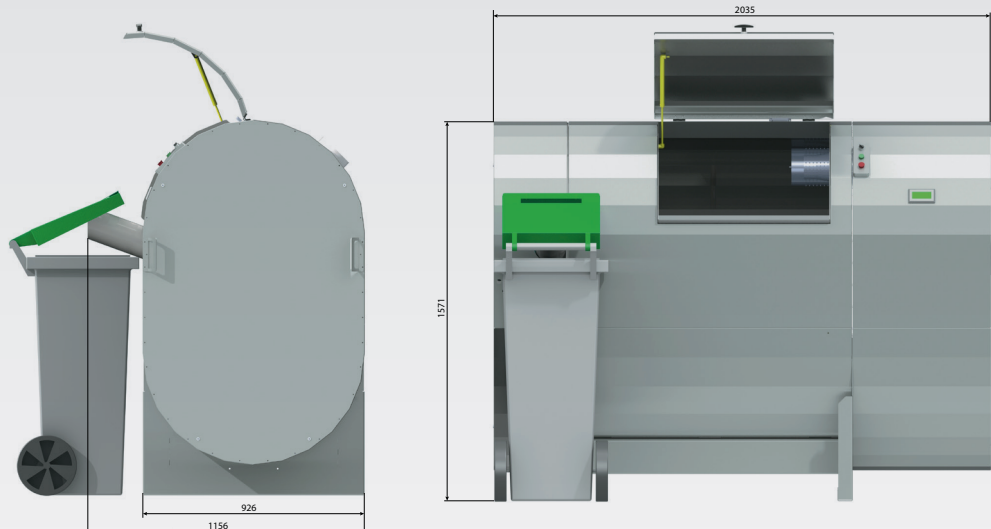
## COST SAVINGS

Calculations on delivered plants show an annual cost savings of up to 40% for waste management.

**LARGE HOUSEHOLDS | HOTELS | RESTAURANTS | FASTFOOD | CAFETERIAS**

## HOW IT WORKS

BioSpeed composting process is based on a method that facilitates microbes operating under optimal conditions. All microbes used in BioSpeed system is further developed mesophilic and thermophilic microbes, including the cellulose degrading. This means that they are working at a temperature of up to 80 degrees C. These parameters enables continuous degradation of organic material to powder very quickly. This provides large capacity in compact machines. Pre defined process controls ensures optimal degradation of organic waste.



# IN-VESSEL MODULAR COMPOST MACHINE IN STAINLESS STEEL

### ASSEMBLY

- Indoor or outdoor protected from weather

### SIZE

- **L 2035MM, H 1571MM, D 926MM**

### AUTOMATIC COMPOSTING WITH

- Temperature control
- Air extraction
- PLC control with display
- Stainless cover in sanded steel
- Sequence controlled dispensing of treated waste

### CAPACITY

- **80-130 liter compostable food waste per day**

### ELECTRICITY CONSUMPTION

Main engine: 0,75 kW

- Heat tracing: 2kW
- Fan: 0,18 kW
- Output feeder engine: 0,25 kW
- Maximum consumption: 3,3 kW/h

### POWER SUPPLY

- 200-240vac 50-60Hz

### SAFETY SYSTEM

- Alarm feedback for each engine. Time and component is displayed
- Safety-switch for high temperature loads and heating elements
- Safety-switch open hatch during operation. Agitator stops when door is opened.
- Manual emergency stop by the control panel
- Automatic Standby mode when not in daily use
- Adjustable dispensing time interval
- Automatic repowering after loss of power supply
- Alarm end event recorder in display
- Fault indicator lamp

### NET WEIGHT

- 585 kilo

### ADDITIONAL FEATURES

- Lift for containers ranging from 120 to 140 liter, may be altered if requested
- System to remove odor if requested

### WARRANTY

- 1 year product warranty
- Service agreement available



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BioCoTechAS is an environmental technology company that holds more than 20 years experience and has excellent references within its business area. An in-house research and development division is situated in the company's headquarter in Bergen, Norway.

BioCoTechAS is a full-range supplier of solutions within the waste treatment industry, and is a provider of equipment for biological recycling of organic waste. Equipment and services can be customized for each project to our customers.