

NEW, IN-VESSEL REACTOR FOR TREATING AND REDUCING FOODWASTE ONSITE. CAPACITY UP TO 220 LITERS PER DAY



REDUCTION OF FOODWASTE

BioSpeed M2 reduces the amount of waste by up to 70-90% and has a capacity of treating about 160-220 liters- or 96-132 kg. per day.



EU REGULATIONS

BioSpeed M2 is an innovative product that treats organic waste cat 2 and cat 3, according to EU regulations.



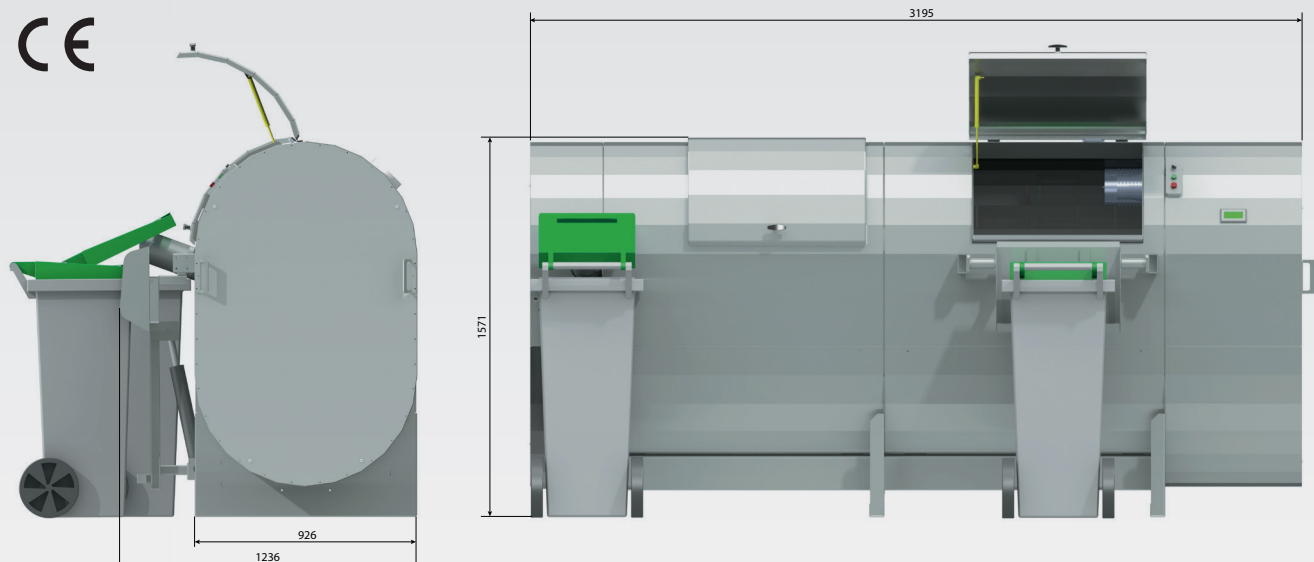
COST SAVINGS

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 3195mm, H 1571,5mm, 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

- 160-220 liter compostable food waste per day

ELECTRICITY CONSUMPTION

- Main engine: 0,75 kW
- Heat tracing: 3kW
- Fan: 0,18 kW
- Output feeder engine: 0,25 kW
- Maximum consumption: 4,3 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

- 885 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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BioCoTech AS 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.

BioCoTech AS 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.