

The Landscape model fountain-composter

# Agility at the service of local composting.



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## The fountain-composter is the real solution for local and collective composting

- No bad smells
- No rodents
- No need to mix manually



## The fountain-composter is a long lasting furniture

- Robust and aesthetic design with elegant curves
- Noble materials and adaptable colours for an easy integration into the landscape
- The fountain create a friendly atmosphere thanks to its design and the sound of water

#### The fountain-composter is smart

- Temperature and équipment monitoring
- Logging of events and measures

**CSR** policy

• Optimization of mixing to reduce composting time by half

Reduction of the ecological footprint by

balance sheet). Accountability of users.

avoiding collection and industrial treatment and by creating credit carbon sinks in the

## Why compost on site?

#### To comply with :

- European circular economy directive of 2020
- SDG 7 Goal 11: Make cities inclusive, safe, resilient and sustainable

#### Pecuniary gain

Cost control, autonomy in waste management, to avoid the cost of collection















## The Landscape model fountain-composter

#### **Performance & Qualifications**

- Long lifetime > 20 years !
- 12VDC power supply
  Contification by a conti
- Certification by a control officeOperation with hygienization
- follow-up

#### For who?



#### Institutions, Companies & Administration

For public or private facilities with a restaurant, the fountain-composter is usually installed outside near the kitchen.

#### Public spaces & Residential communities

The fountain-composter is a useful, practical, and aesthetic furniture that can be installed in the city as in the countryside, in a large avenue, in a park or in a village square.

The goal is to create a green area and to encourage the contribution of families.



#### Tourism infrastructure

Waste from hotels and campsites increases tenfold in summer. The composter-fountain is the solution for managing your bio-waste without labor time, without nuisance and involving holidaymakers.

#### How does it work ?

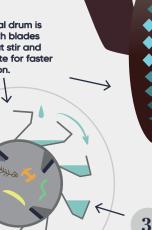


Every day, bio-waste (including meat and fish remains) is easily introduced through the hatch with a dose of shredded wood.

> bio-waste + healthy air (O<sup>2</sup>)

#### 2

The cylindrical drum is equipped with blades and tines that stir and grind biowaste for faster decomposition.



The shredded wood topped with a photovoltaic panel makes the composterfountain self-sufficient in energy.

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The communicating electronic card allows real-time remote control of the process thanks to relevant measurements (temperature, etc.).The rotation frequency and the carbon content are adjusted if necessary according to the results of the checks.

stale air

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The fan guarantees good oxygenation.

Extraction on average every month through the transparent extraction hatch after a sufficient residence time to sanitize the bio-waste (rise in temperature).

Maturation phase in boxes. In 2 months we obtain fresh compost, ideal for planting. After 6 months, the compost is ripe, perfect for improving the soil.

The drum is set in rotation by the action of the weight of the water which fills the blades thanks to a closed circuit activated by a submerged pump. The organic matter is located in the heart of the drum without contact with the water circuit. Stirring optimizes the temperature rise. The minimum residence time between introduction and extraction is 2 weeks.

drum cut

#### Landscape patterns

#### CFP 500

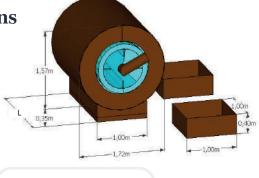
12kg of bio-waste per day 150 daily meals About 60 households 2kWh/month PV panel 0.8x0.4m Length L : 1m

#### **CFP 1000**

30kg of bio-waste per day 375 daily meals About 150 households 3kWh/month PV panel 1x0.5m Length L : 2m

#### **Special finishes**

- Choice of paint colors and grid patterns
- Solar panel
- Shredded wood box
- Customizable bio-bucket
- Planters, benchs, rainwater collector...



#### CFP 1500

50kg of bio-waste per day 600 daily meals About 240 households 4kWh/month PV panel 1.2x0.6m Length L : 3m





#### Accessories

- Solar powered
- Shredded container
- Modular ripening corridor

## M3

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## Myth #1 : Composting generates bad smells

Not with the fountain-composter! Thanks to the mixing of bio-waste and on-board automation, the organic matter degradation process is optimized without unpleasant odors.

#### Myth #2 : Composting attracts pests

Not with composter-fountain The drum in which the biowaste is treated is not accessible from outside and the compost in maturation is no longer intersting for field mouses, rats, wild boars or even snakes...

## M3

## Myth #3 : Running a composting area takes time

Customizable biosels

Planters (shape on request)

Bench (with integrated rainwater collector)

Not with Fountain-composter ! The operator no longer has to stir the bio-waste with a pitchfork. The waterwheel automates the rotation and thus the mixing. Operation limited to the introduction of wastes and the collection of compost.

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## Myth #4 : It takes at least a year to get compost.

Not with the composter! Thanks to the mixing of the material, the time generally required to obtain compost is reduced to less than 3 months under optimal degradation conditions.

Myth #5 : People don't know what to do with the resulting compost...

#### There is no need of compost (especially in dense urban space). Citizens change today and make efforts to make the cities more habitable : communal gardens, roftoop gardens, urban farms. We help you to find the right partners in the upstream phase. Thus begin creation of social links and reduction of the ecological footprint...



## **Compost Motion**





### **History**

2019	Patent of fountain-
	composter and creation of the company.

- Prototyping and test 2020 phases
- First Installations in 2021 Montpellier : Lanscape model in a health center and Ecoactor model in a business school.
- Industrialization of 2022 production in ecodesign -Made in France.



Sobriety thanks to an energyefficient device.

**Eco-responsibility** thanks to a local production process and mastery of the product cycle and the materials that compose it.

Inclusion of people with disabilities in manufacturing.

## **Production**

MADE IN

FRANCE

The structural parts are prepared in a metalwork company in Montpellier.

The electrical and hydraulic equipment is made by a work assistance establishment

#### The Team !



Arthur, The founder

My ambition is to remove the obstacles to collective composting thanks to a product that combines aesthetics and technical agility.



Gaspard, The 3D designer

Apprentice in work-study, I draw the composting areas in 3D to allow customers to project themselves.



Cécile, The communicator

I let people know that the composter is the ideal tool to effortlessly reduce everyday organic waste.



Mohamed, The key to everything

Work-study apprentice, I develop my technical and commercial skills.



Frédéric, The technical expert

I developed the electronic card of the composter. According to me, the green transition requires low-tech tools.



Matthias, The community manager

Apprentice in work-study, I take care of the administration and I write posts on social networks.



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