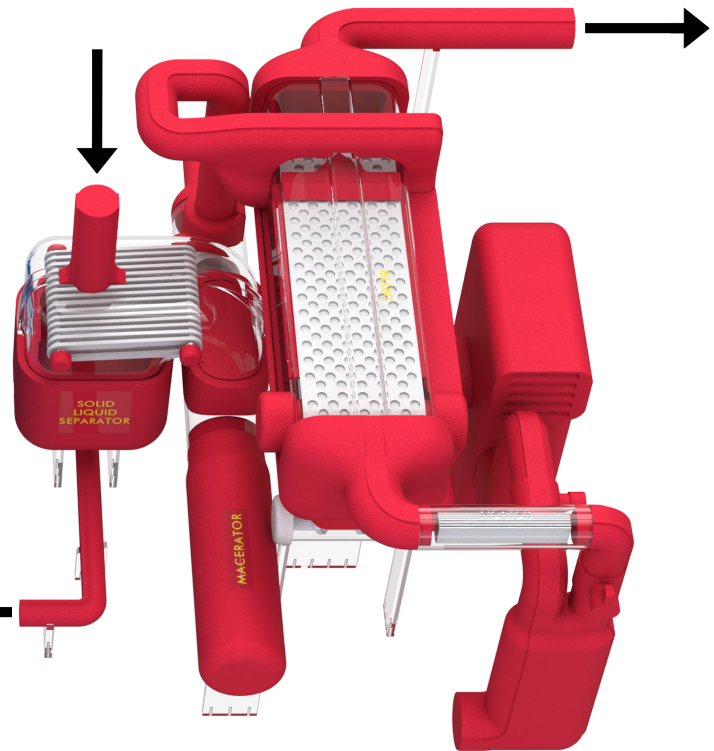


# The Solid Sanitizer

The Solid Sanitizer is a versatile solid waste processing and treatment module. It ensures the safe, hygienic collection and treatment of fecal solids from a toilet.

The module includes a solid-liquid separator that discharges liquid and conveys solids to a collection area where they are homogenized. Following homogenization, solids are extruded, sized, and dried using warm ( $< 90\text{ }^{\circ}\text{C}$ ), desiccated air.

The Solid Sanitizer can be used as a stand-alone system or as shown in the Empower Sanitation Platform where it is paired with a combustion module and a liquid treatment module, such as the Liquid Recycler, for a complete on-site sanitation solution.



## KEY FEATURES

- Provides safe, hygienic collection and treatment of fecal solids.
- Hands-free separation of solids and liquids.
- Energy efficient electric heating coil used for drying.
- Processes uniformly sized and energy dense dried solids.
- Dried waste is bacteria free.
- Dried solids can be treated on-site or transported off-site for further processing.

## STATUS OF DEVELOPMENT

- Prototype testing ongoing in India.



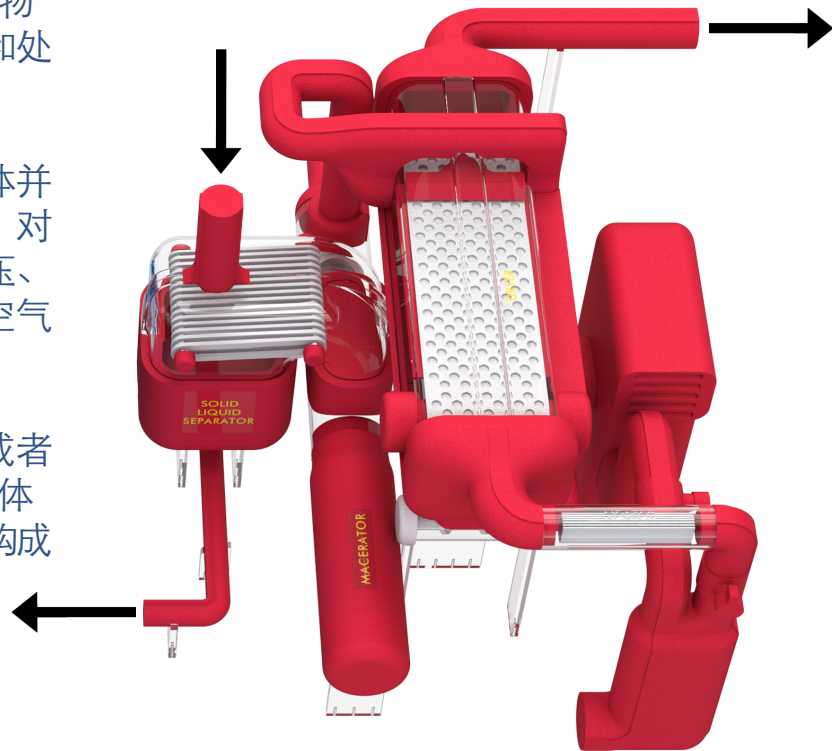
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# 固体消毒杀菌装置

固体消毒杀菌装置是一种通用的固体废物处理模块。它可确保安全、卫生地收集和处埋来自厕所的固体粪便。

该模块包含一个固液分离器，其排出液体并将固体转移至进行均质化处理的收集区。对固体进行均质化处理后，再对其进行挤压、定型并使用温热（低于90° C）的干燥空气进行干燥。

固体消毒杀菌装置可用作独立的系统，或者在赋能环境卫生平台中与燃烧模块和液体处理模块（如液体回收装置）搭配使用，构成全面的现场环境卫生解决方案。



## 主要特点

- 安全、卫生地收集和处埋固体粪便。
- 无需手动分离固体和液体。
- 使用节能的电加热线圈进行干燥。
- 生成大小均匀的能量密集型干燥固体。
- 干燥废物是无菌的。
- 可在现场对干燥固体进行处理，或将其运输到场外作进一步处理。

## 开发现状

- 正在印度进行原型测试。

