



OMPECO

**HOSPITAL
WASTE
TREATMENT**

BIOHAZARD



We are an Italian manufacturer of a patented waste treatment technology: Converter®

We have more than 20 years of experience.



The Converter does not create any kind of pollution. No pressure is used, no burning is involved in the mechanical process, **no chemicals are used.** The treated product is completely dry and finely shredded making the waste unrecognizable and safe to manage and stock.



Converter is a device that shreds and dehydrates waste. It uses a simple working principle: **mechanical shredding of the waste** with a big rotative blade providing a completely dry and inert material with no smell, no bacteria or virus in it.

The waste is loaded into the sterilization treatment chamber and the automatic process that lasts 30 minutes begins.

During the process the waste is finally shredded, sterilized and dried and then discharged into the discharge bin. The sterilization level is 10Log6 as required by the international community.

ADVANTAGES

-70%_80%
VOLUME

-50%
WEIGHT

The main advantage of this technology is a massive volume reduction of the waste up to 70%-80% and its weight reduction up to 50%.



Placing the equipment right in the place where the waste is produced in the hospitals provide several benefits for internal waste treatment.

- 1. Low cost of waste management**
- 2. Internal waste register**
- 3. Easy maintenance procedures**

FLEXIBLE SOLUTION



The range includes different capacities, from 15 kg/h to 2000 kg/h.

The smallest units looks like a washing machine and industrial units are 16 tons of weight, no civil works required.

This portfolio makes it a flexible solution to any kind of need from a single hospital to a big treatment center.



CONTAINERIZED SOLUTION



Especially for COVID outbreak, but also for other urgent needs **Ompeco provides a Containerized solution, that can be moved around and used in case of emergencies.**

The equipment is functioning autonomously with diesel generator or can be connected to the grid.



DIFFERENT INDUSTRIES



This solution is applied in 25 countries in **different industries and fields of activities**, including hospitals, treatments centers, offshore platforms, military ships and commercial malls.

