



Alka Eco Human

Alka Eco Human System: Embracing a Greener Farewell

The Alka Eco Human System by innovator Luc de Haan represents a revolutionary step in funeral care, offering an eco-friendly alternative to traditional burial and cremation methods. Designed for modern funeral practices, this state-of-the-art unit uses the process of liquification (**Alka Eco Liquification**), to gently and respectfully return human remains to the earth.

Applications / industries

Ideal for: Eco-conscious individuals planning for a green departure, funeral homes looking to expand their offerings with sustainable options and families seeking a dignified yet environmentally responsible way to honor their loved ones.



Production and maintenance Global:

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Key features

- **Sustainable Technology:** Utilizes a gentle process of water, alkaline solution, heat, and gentle agitation to break down organic material, significantly reducing carbon emissions compared to conventional cremation.
- **Compatibility with Eco-Friendly Coffins:** The Alka Eco Human is specifically engineered to accommodate ecological funeral coffins made from biodegradable materials, ensuring a completely green funeral process.
- **Energy Efficient Design:** Operates with optimal thermal efficiency, consuming less energy and further minimizing the ecological footprint.
- **Respectful and Dignified Process:** Ensures a respectful treatment of the deceased, aligning with the ethos of dignity and care in funeral services.
- **Safe and Sterile Residue:** The process leaves behind a sterile liquid and bone ash, suitable for return to the family or for scattering in a memorial garden.
- **User-Friendly Interface:** Features an intuitive control panel for ease of operation by funeral professionals.
- **Customizable Settings:** Allows for customization to accommodate varying protocols and preferences.



Benefits

- **Reduces greenhouse gas emissions** by over 75% compared to traditional cremation.
- Eliminates the need for burial space, addressing land scarcity issues.
- Prevents the leaching of harmful chemicals into the soil, preserving the integrity of local ecosystems.
- With the **Eco-Friendly Coffins**, the human body can be inserted in the system, where no more removing of the body from a coffin is needed. This **reduces the risk of bio contamination to zero**. We are the only one in the world that can offer this.

Technical Specifications

- **Processing Capacity:** bodies up to 220 kilograms, with recycle able Fair Coffin
- **Operation Pressure:** 11 bar, soon more than 11 bar
- **Temperature Range:** 187 degrees Celsius, soon up to 200 degrees
- **Dimensions:** length 2.5 meters, diameter up to 1,4 meters if custom
- **Power consumption:** 185kW (400V, 50Hz, 3Ph)

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