

VIXLA – Waste Plastic-To-Pyrolysis Oil

The VIXLA range by Eagle Technology is a containerized and innovative waste-to-energy system that employs advanced pyrolysis technology to transform a critical environmental problem into a high-value and renewable resource with minimal emissions and energy consumption. The output circles back into the raw material cycle, creating a circular economy for recycled plastic.

As a distributor of Eagle Technology's VIXLA we aim to fulfill the United Nations Sustainable Development Goals ([UN-SDG](#)) to address the plastic waste problem.

Plastic waste is among the most significant environmental issues worldwide, creating unintended sustainability challenges. The United Nations Development Program - Plastics 101 estimates that approximately ["139 million metric tons of plastic"](#) are produced annually.

Introducing the VIXLA:



Choose the VIXLA System for a Step Towards a Cleaner and Sustainable Future:

1. A Decentralized Approach:

- A decentralized approach results in substantial financial and environmental savings, distinguishing us from established concepts with centralized super sites.

2. Containerized and Mobile:

- Our container-based solution facilitates mobility, allowing for targeted waste cleanup on-site.
- After completing the task, our customers can relocate the system, providing unparalleled flexibility.

3. Modular and Scalable:

- The VIXLA system is designed to handle 5 tons per day but can be easily scaled for larger projects. The modular approach facilitates multiple systems on the same site to achieve as high capacity as needed.

4. Efficient and Clean:

- With a conversion rate of 80-85%, our technology effectively transforms most of the plastic waste into a renewable product.
- The residual byproduct predominantly comprises non-condensable gas, which serves to power the system, leading to a significant reduction in energy consumption and an impressively low carbon footprint.
- A minimal percentage of carbon ash is produced, offering versatile applications or options for responsible disposal.

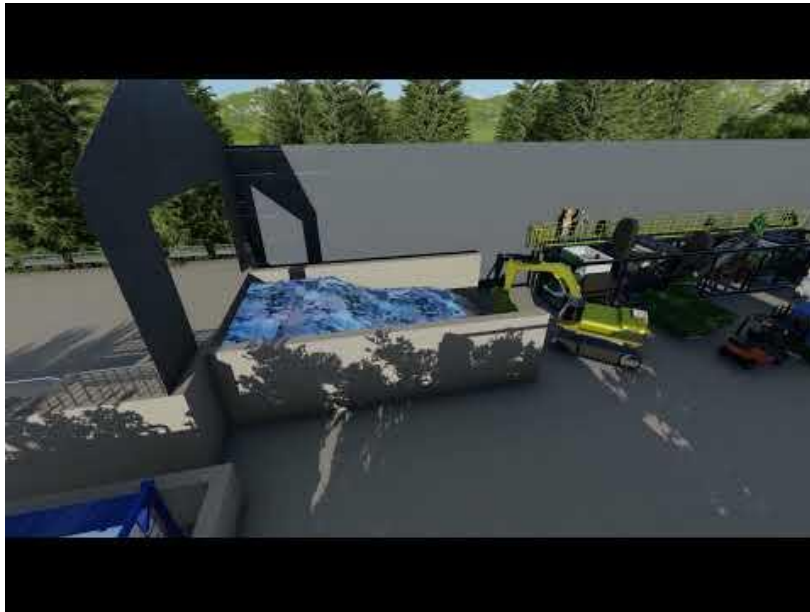
5. Low Entry Barriers:

- Our solution has significantly lower CAPEX compared to competitors, ensuring accessibility to a broader market.

6. One-Stop-Shop:

- Kaltimex Group's strategic partnership with Eagle Technology provides our customers with a comprehensive end-to-end solution for plastic waste recycling, spanning from pretreatment systems to the final stages of off-take and end-product sales.

4 Vixla units



Contact Us



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