



JOSE MARIA INT'L INDUSTRIES CORP.

a name synonymous with innovation and excellence, is dedicated to providing top-tier products and services across a multitude of sectors. Our commitment to quality and customer satisfaction has positioned us as a leader in the industry. With a diverse portfolio that spans manufacturing, technology, and logistics, we are equipped to meet the ever-evolving needs of our clients. Our team of experienced professionals is passionate about delivering solutions that drive success and growth. Explore our offerings and discover how we can help elevate your business to new heights.

***"THE ULTIMATE SOLUTION TO WASTE
MANAGEMENT DISPOSAL PROBLEM"***



TURN TRASH INTO ENERGY AND VALUE WITH (SWGMM) SOLID WASTE GASIFICATION MACHINE

SWGMM is currently the only gasification system deployed in the Philippines that is based on patented Japanese technology, engineered to convert mixed or segregated community solid waste into clean SynGas, inert ash, water vapor, and heat. The system recirculates SynGas to power subsequent cycles, reducing external fuel dependence and operating costs, while emissions undergo rigorous purification for environmental compliance.

Manufactured and assembled in the Philippines, SWGMM is designed for local waste conditions and regulatory environments, with technical support capabilities and critical system components available locally, ensuring long-term operability and reduced supply-chain risk.

01

What is Waste Gasification?

Waste gasification is a thermal process that converts waste into energy by heating it in a controlled, oxygen-limited environment. Unlike incineration, gasification produces syngas that can be used for energy generation while minimizing emissions.

02

How It Differs from Landfilling and Incineration

Gasification operates at higher temperatures than incineration, resulting in more complete waste conversion and reduced emissions. Unlike landfilling, it eliminates the need for long-term storage and produces usable energy instead of methane emissions.

03

Operational Technology

This is not experimental technology. The gasification system is operational, processing tons of waste per hour, demonstrating proven performance in real-world industrial applications.

"Success Starts With The Right Gasification Machine"



CERTIFICATION AND ACCREDITATION



DID YOU KNOW?

- ➡ Machine could burn 24 tons of waste and give at least 1 Megawatt of Energy. Could supply up to 1000 household.
- ➡ How does gasification machines differ from traditional incinerators?
Ans. "GASIFICATION converting waste into syngas in a low-oxygen environment, less ash & lower emissions", "Gasification does not require fuel to burn waste".
- ➡ What's a key environmental benefit of solid waste gasification?
Ans. "Converts Waste into Energy, Reduces landfill waste, minimizes Pollution".
- ➡ Can the ash from gasification be recycled?
Ans. "Yes the resulting inorganic ash to molten slag can often be used as a material for CEMENT, PAVEMENT & CONSTRUCTION MATERIALS".





ABOUT US!

An independent marketing entity facilitating introductions to industrial waste gasification solutions for large-scale waste disposal in the Philippines.



GET IN TOUCH:



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