

What is a micro auto gasification system?

Terragon's novel Micro Auto Gasification System, or MAGS TM, is the world's most compact, efficient and environmentally safe technology for the conversion of a variety of combustible materials into thermal energy for use by the site where these materials are generated.

What is auto gasification?

Auto Gasification is Terragon's patented technology. MAGS thermally breaks down waste into biochar and syngas. The syngas is then used as fuel to make the process self-sustaining. The throughput depends on the bulk density of the waste being treated.

How does Terragon auto gasification work?

In Terragon's proprietary Auto Gasification process, the synthesis gas is used as the fuel for the process. Thus, the waste is converted to inert carbon products by "cooking it" and using the vapours generated from the "cooking" as the fuel for the process. MAGS TM is USDA approved by APHIS as a technology for handling Regulated Garbage.

What are the advantages of gasification technology?

In addition, gasification technology is highly suitable to recover the thermal energy from the process. Eliminates disposal costs for hazardous organic waste. Recovers 100 kWh



Terragon has developed the Micro Auto Gasification System, or MAGSTM, which is intended to be the world's most compact, efficient and environmentally safe technology for the conversion a?|

# MICRO AUTO GASIFICATION SYSTEM TOGO



The industry-first Microwave-Assisted Pyrolysis (MAP) and Micro Auto Gasification (MAG) systems will be used this year on two of the company's new LNG-powered ships, the Royal Caribbean's Icon of the Seas a?|

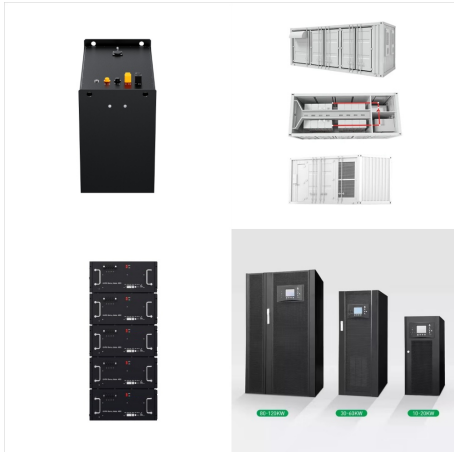


MAGS uses Terragon's patented technology, Micro Auto Gasification, to thermally break down waste and transform it into a solid carbon material (bio-char) and a synthesis gas (syngas). The syngas becomes the main fuel source for MAGS, a?|



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# MICRO AUTO GASIFICATION SYSTEM TOGO



system requiring minimal maintenance Maintaining  
a safe, clean and sanitary habitat under all  
circumstances Low fuel consumption and Energy  
efficient system based on auto-gasification a?|



Ein neu entwickeltes Micro Auto Gasification  
System (MAGS) wandelt Abfalle an Bord im Sinne  
der Kreislaufwirtschaft in thermische Energie um,  
sodass die Effizienz des Schiffes weiter a?|



This solution relies on the patented "Auto  
Gasification" process to enable the treatment of all  
combustible waste on-site, generate clean energy  
and soil-enriching biochar to be used within the  
habitat, while producing clean a?|

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Micro Auto Gasification System MAGSa?c V8 Auto Gasification is Terragon's patented technology. MAGS thermally breaks down waste into biochar and syngas. The syngas is then used as fuel to make the process self-sustaining. a?|