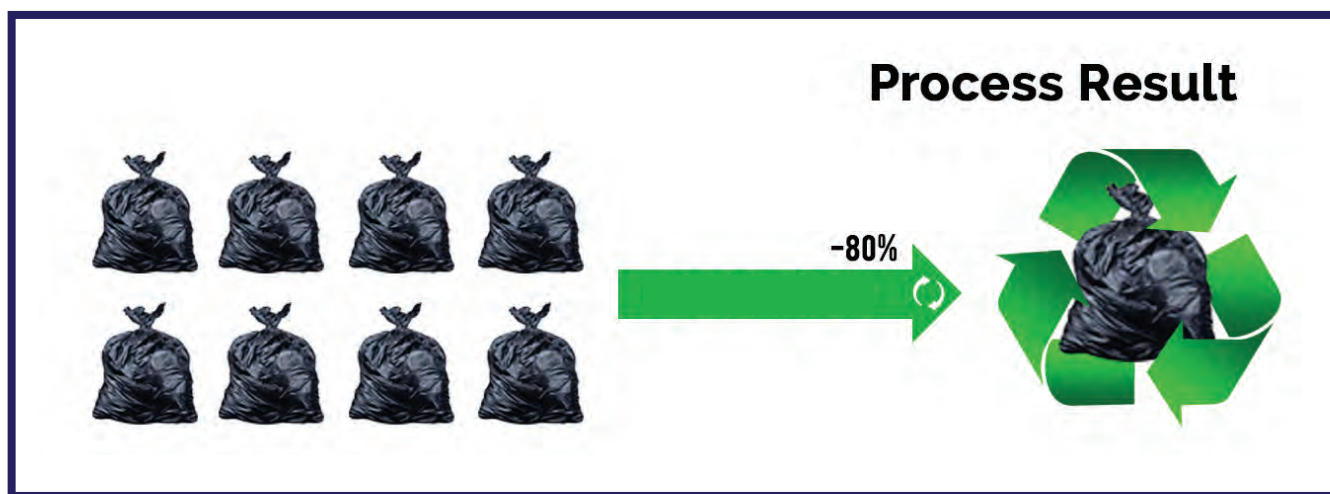




IGS
INTERNATIONAL
GARBAGE SOLUTIONS

THE INNOVATIVE ECOLOGICAL ALTERNATIVE TO LANDFILL DUMPING

The IGS waste processing system not only reduces waste volume by up to 80% but also reduces the weight by up to 50% by evaporating and reclaiming the water content of the waste.



The process is simple and the machines are very easy to operate. Raw garbage, either loose or in bags is placed into the drum either by hand or automatically on the larger systems. Friction is then used to generate heat which allows the moisture to evaporate as steam in turn sterilising and drying the garbage killing any harmful bacteria and viruses. **The whole process takes 25-40 minutes.**

The result is a dry, sterile and safe sawdust type material called **RDF (refuse derived fuel)**. Depending on the original content of the garbage RDF can be processed further and used as follows **FROM WASTE TO ENERGY:**

- As a fuel substitute to generate energy.
- To produce electricity.
- In the cement kiln industry.
- Be used as fertilizer.
- Be combusted cleanly.



Reductions in waste save transport and processing costs whilst reducing environmental impact.



IGS manufacture waste processors ranging from 200L to 5000L units. These can be fully customised depending on the needs of the machine and client. The 200L and 500L models can be containerised which provides ease of use in a plug and play design and also ease of transport for offshore and remote locations.



Waste Processor Benefits

- 🌍 Reduces waste volume by up to 80%
- 🌍 Reduces weight by up to 50%
- 🌍 NO EMISSIONS & NO CHEMICALS
- 🌍 Kills harmful bacteria and viruses
- 🌍 Fully automated and easy to use
- 🌍 Safe storage by vacuum packing
- 🌍 RDF = Waste to Energy

All IGS waste processors are manufactured in Italy and are fully compliant with EU standards.

Types of waste that can be processed:

- 🌍 General household garbage
- 🌍 Hard plastic
- 🌍 Plastic Bags
- 🌍 Medical waste
- 🌍 Glass
- 🌍 Metals
- 🌍 Wood
- 🌍 Fabric
- 🌍 Paper and cardboard
- 🌍 Food waste (organics)

The waste processing systems can be used in a variety of different industries and areas from Oil & Gas, Mining, Hospitals, Airports, Vessels, Military, Ski fields, Remote islands and communities, Shopping malls etc..... the possibilities are endless.

A SIMPLE SOLUTION TO A GLOBAL EPIDEMIC

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