

Hybag Casa System

Processing of small amounts in compostable bio waste bags

It is a special challenge to collect small and very small amounts in urban centres. The disposal of organic waste in household refuse is no longer an adequate way of handling resources which can be further utilised. Bio waste bags are ideal for smaller restaurants and private households.

By using Hybag Casa System bio waste can be disposed of in an easy way.

Foreign matter and packaging material are separated from the organic mass in a clean way and emission-free.

Suitable as collection points in communities, shopping centres and at major distributors in the catering field.

- Closed collection system
- Hygienic collection concept
- Raw material for biogas plants

Hybag Casa System ...

... is suitable for ...

- kitchen waste
- market waste
- tubes and tins
- packed foodstuff

Highly modern machine engineering causes the bio waste bags to burst, and the content is pressed out automatically. In the process the packaging materials are shaped into a flat round compact, and is separately ejected and collected for incineration in refuse incineration plants by the unpacking press. The bio mass is intermediately stored in an integrated 15 cum bio tank completely without emission until drawn off.

"Many small amounts produce a lot of current as well."

... according to individual local conditions ...

The economic success starts with careful planning:

- collection logistics (quantity structures)
- economic efficiency calculations (cost and financing models)
- location analysis (disposal routes, ecological performance)
- placement analysis (ground plans)
- infrastructure and installation (water supply, electricity, connections, cable routing)

These:

Due to the dangers of nuclear power, the finite resources of fossil energy sources on the one hand and the global increase in energy demand on the other hand, the significance of natural energy is increasing. The social awareness for healthy environment is increasing, and the collection of organic waste for energetic utilisation in bio gas plants broadens the scope including solutions for private households.

Hybag Casa System ...
... tailor-made collection systems ...

The highly modern machines used for the Hybag Casa System are designed as modules and can be employed correspondingly variable. The bio waste bags can be processed by individual or mass handling, depending on use as collection point for private households or for professional disposers of organic waste.

Hybag: Pioneering in engineering and in mechanical engineering for processing organic waste in bio mass.