

Any Input - Pure Output

BIOREFINER BRF

The BioRefiner BRF has been specially developed for the fine cleaning of pre-separated organic waste following the depackaging machine DRM.

It achieves exceptionally high purity with minimal organic loss – and delivers consistently clean results even when there is a high proportion of packaging material in the feedstock.

The BioRefiner BRF thus increases flexibility in organic waste processing and enables the processing of even heavily contaminated organic waste - without compromising on purity.



Your Benefits

Efficient fine cleaning

- Maximum purity of organic matter
- Guarantees compliance with the most demanding biowaste ordinances worldwide (Deutsche Bioabfallverordnung)
- 99,9 % purity, depending on the substrate
- Minimal loss of organic matter. Saves disposal costs and increases biogas yield.

Reliable operation

- Optimised for abrasive separation tasks in waste processing
- Designed for fully automatic 24/7 operation
- Ideally suited for use in combination with the depackaging machine DRM
- Proven technology - in use for many years in other industries

Technical Data

Type	BioRefiner 604	BioRefiner 608
Purity, substrate-dependent	99,9	99,9
Screen aperture (mm)	3/5	3/5
Throughput max. (t/h)	7	25
Power ** (kW)	7,5	15
Dimensions (width x depth x height) (mm)	3550 x 1650 x 1860	4900 x 2100 x 2000

** Machine capacity excluding screw conveyor and discharge pump

Product details



A Inlet for organic matter from the depackaging machine DRM



B Inside the machine: separation of the finest particles from the substrate coming from the depackaging machine DRM



C Screw conveyor with outlet for separated inorganic material



D Pump for transporting the treated organic to the digester

Plant Engineering by Tietjen

Waste Management Plant Engineering

From organic waste to pure substrate – everything from a single source

- Solutions tailored to your needs: compact or large-scale plants
- All in one system: reception, dosing, unpacking, fine cleaning, storage, bin handling, cleaning, pumping and control
- Many years of experience in major international projects
- A single point of contact from planning through to commissioning

