Sutco®
LM GROUP



BIOWASTE COMPOSTING TECHNOLOGY

LINE COMPOSTING SYSTEM BioFIX

WE GET THE BEST OUT

BioFIX-SYSTEM

HIGH LEVEL AUTOMATED LINE COMPOSTING

With Sutco's BioFIX composting system, organic waste is processed efficiently, reliably and fully automated into high-quality compost or stabilised compost.
The modular design allows at the same time separate treatment of different types of waste – for example, separately collected kitchen waste and organic fraction from mixed waste.
Thanks to the flexible number and lengths of the composting rows, the BioFIX system can be optimally adapted to the requirements of any project.

INPUT MATERIALS SUITABLE FOR PROCESSING

THE BioFIX SYSTEM IS PARTICULARLY SUITABLE FOR:

- **Separately collected organic and green waste**
- **Organic fractions from mechanical waste treatment**
- **Mixtures of different organic feedstock**



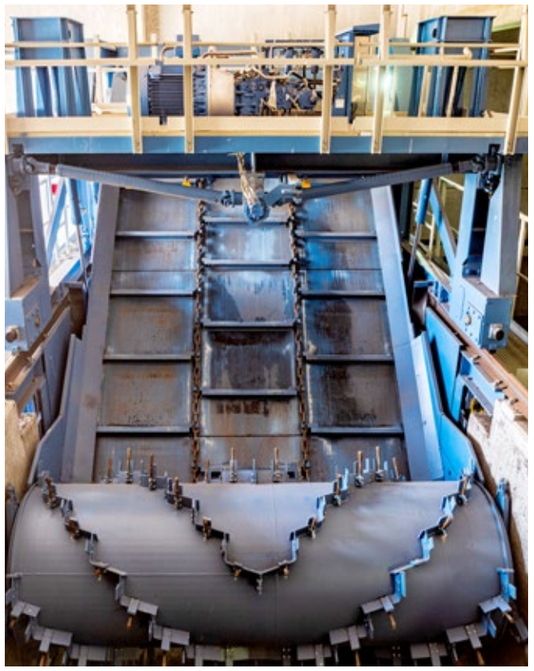
FULLY AUTOMATED COMPOSTING PROCESS

The BioFIX system operates fully automatically and ensures consistently high process quality.

THE AUTOMATED PROCESS INCLUDES:

- **Fully automatic feeding system**
- **Dynamic turning process**
- **Controlled aeration**
- **Automatic irrigation**
- **Fully automated discharge**

All process steps are centrally controlled and visualised. This ensures continuous monitoring and documentation at all times.





EFFICIENT
LINE TECHNOLOGY

The feeding system ensures optimal mixing of the feedstock material right from the start, which is then intensively aerated and turned in the windrows. In this way, BioFIX creates ideal conditions for a fast and stable process.

AUTOMATED TURNING ENSURES:

- **Optimal material decomposition**
- **Consistent process conditions**
- **High speed stabilisation**
- **High compost quality**





CONTROLLED
AERATION SYSTEM

In conjunction with the intensive material breakdown during turning, a stable and reliable composting process is ensured.

THE AERATION SYSTEM ENSURES BEST PROCESS CONDITIONS IN EVERY WINDROW:

- **Exact control of air flow and temperature**
- **Separate regulation of air flows per windrow**
- **Adaptation to summer and winter operation**

EFFECTIVE
EXHAUST AIR TREATMENT

The process air is reliably cleaned before being released into the environment.

THE SYSTEM INCLUDES:

- **Air extraction from the building**
- **Air scrubber**
- **Biological filter for odour reduction**

This guarantees a high level of emission control and minimal odour nuisance.

CLOSED-LOOP
WATER SYSTEM

The integrated process water system enables sustainable operation.

THIS INCLUDES:

- **Collection of process water**
- **Reuse for material moistening**

This reduces water consumption and ensures optimal process control.



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YOUR BENEFITS USING BioFIX

- Flexible adaptation to project requirements
- Fully enclosed system for maximum emission control
- Fully automated operation – minimal staff requirements
- High process reliability and consistent output quality
- Short degradation times
- Simultaneous treatment of different types of waste
- Minimal space requirements
- Transparent process monitoring



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