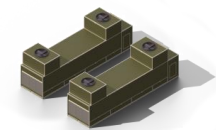
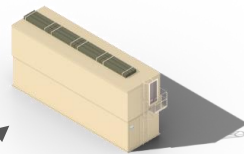


EQUIPMENT FOR BSF PRODUCTION

REDUCE EMISSIONS
MAKE FRASS PELLETS
USE LESS ENERGY



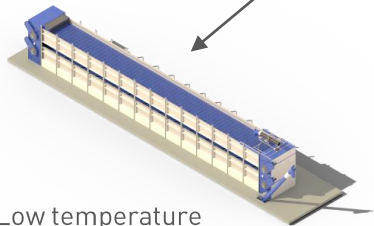
Reduce energy
consumption with
heat recovery



Emission reduction
with air cleaning



BSF larvae breeding



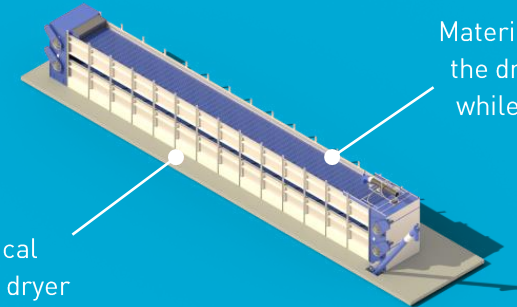
Low temperature
drying of frass



Frass pelleting
and sanitation line

DORSET GM
GREEN MACHINES

DRYING FRASS WITH LOW TEMPERATURE HEAT



Material lies on
the drying belt
while air goes
through

Typical
belt dryer

The Dorset belt dryer is the most used system for drying poultry manure, digestate or compost. It is reliable in drying organic residue streams to a homogenous product with low energy requirements.

Drying is better than composting, because it limits the conversion to ammonia and optimizes the nitrogen content in the end product.

The result is less dust and ammonia in the air and a higher value end product. Sizes varying from 250 kg/h up to 5.000 kg/h wet input per system.



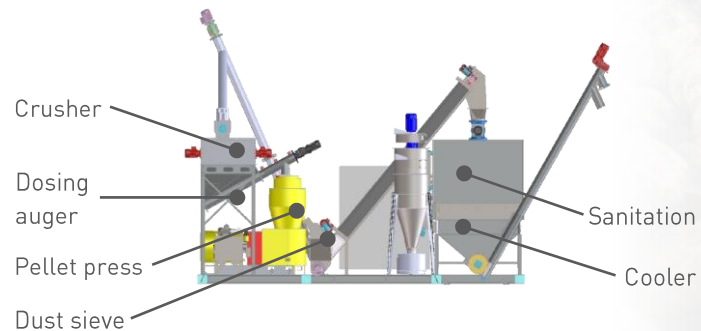
WWW.DORSET.NU

PRODUCE SANITISED FRASS PELLETS

Plug and play pelleting plant

Dorset has developed an integrated pelleting-line including all the necessary tools for small scale (400 kg/h – 2.000 kg/h) pelleting and sanitation of organic waste (frass).

The systems turns the product into a compact good-looking fertilizer pellet, suitable for storage, long distance transport and export certification procedures.



Container sized

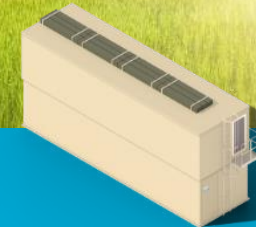


Packing and bunker options

REDUCE EMISSIONS WITH AIR CLEANING



Chemical air cleaning

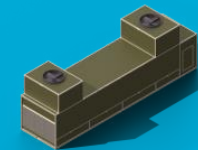


Biological air cleaning

Air cleaning systems reduce emissions of:

- Ammonia,
- Dust, and
- Odour

They have been used for decades to reduce emissions at farms and industrial facilities.



Heat recovery unit

Reduce energy consumption with heat recovery

It is a air-air heat exchangers that transfers heat from outgoing air to the ingoing air.

