

# MAVITEC

Green Energy

## REFERENCE BOOKLET

### PADDLE DEPACKER 30m<sup>3</sup> / hour.





**MAVITEC RENDERING**

Complete systems and equipment for rendering animal byproducts

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**MAVITEC ENVIRONMENTAL**

Gasification systems: a new way of solving manure issues

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**MAVITEC GREEN ENERGY**

Food waste recycling and depackaging solutions

# MAVITEC

Group



# PADDLE DEPACKER

## Function:

Producing a clean organic product suitable for biogas installations by separating the organic material from the packaging.

## Features Paddle Depacker:

- Heavy duty execution
- Simple and low maintenance design
- Compact size
- High capacity
- Variable screen sizes available
- Up to 99,5% clean organic material
- Quick (hydraulic) opening doors for easy cleaning
- Bolt free screen exchange
- Fixed shaft execution
- Stainless steel isolated splash shields for low noise operation



**Paddle Depacker:** 15m<sup>3</sup> - 30m<sup>3</sup> per hour \*  
*Equals* 12-20 ton per hour \*

**Installed power:** 45kW – 55kW

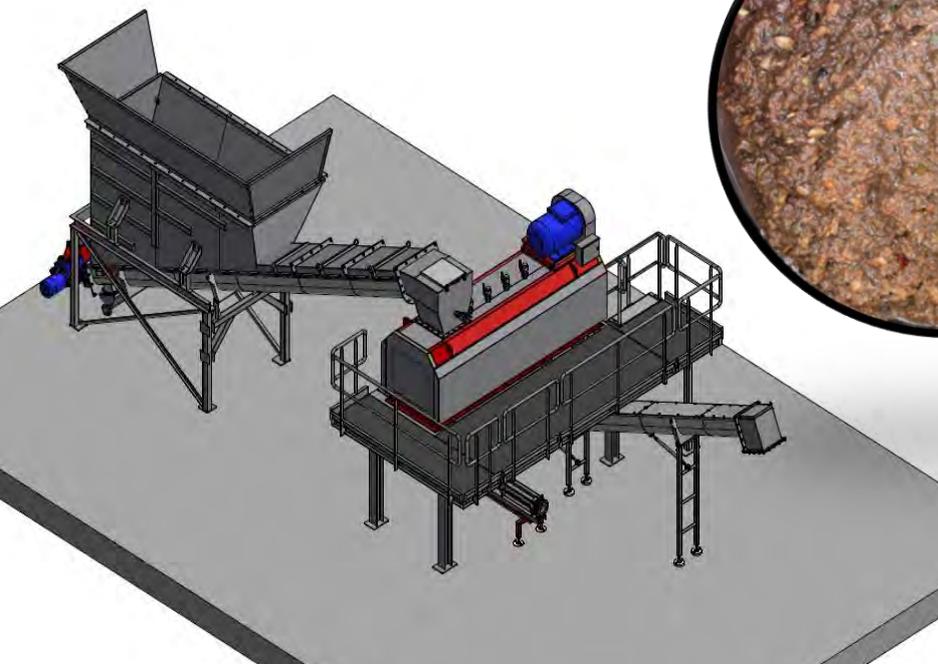
\* depends on material composition

## Input materials:

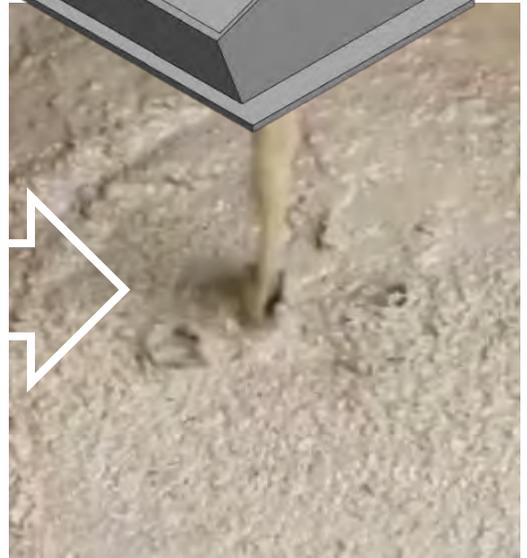
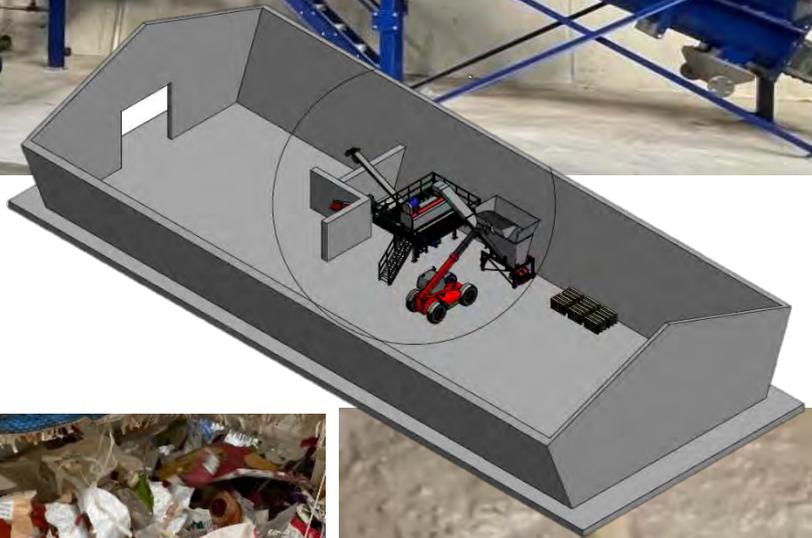
Kerbside waste, Hotel/Restaurant waste, Bread Products, Food production fails, Shop return waste, Canned Products, Drums, Various Containers, Baby foods, Household products, Deodorants, Powdered milk, Potato's, Nearly all Fruits, Vegetables, Pumpkin, Shop Returns, Manure/Straw, Carrots, Corn, Coleslaw, Unpacked food, Tetra Pak Containers, Soft Packaging, Sachets, Confectionery, Pet foods, Processed meats, Tea, Beans, Cereals, Pharmaceuticals, Cosmetics, Sachets, Ice cream, Water Ice, Beverages (bottle), Beverages (can), Cigarettes, Insecticides, Sauces, Yogurt, Biscuits, Coffee, Soups, Coleslaw, Detergents, Pasta, Sugar, Potato Gratin, Plastic Bottles, Sandwiches, and many more.



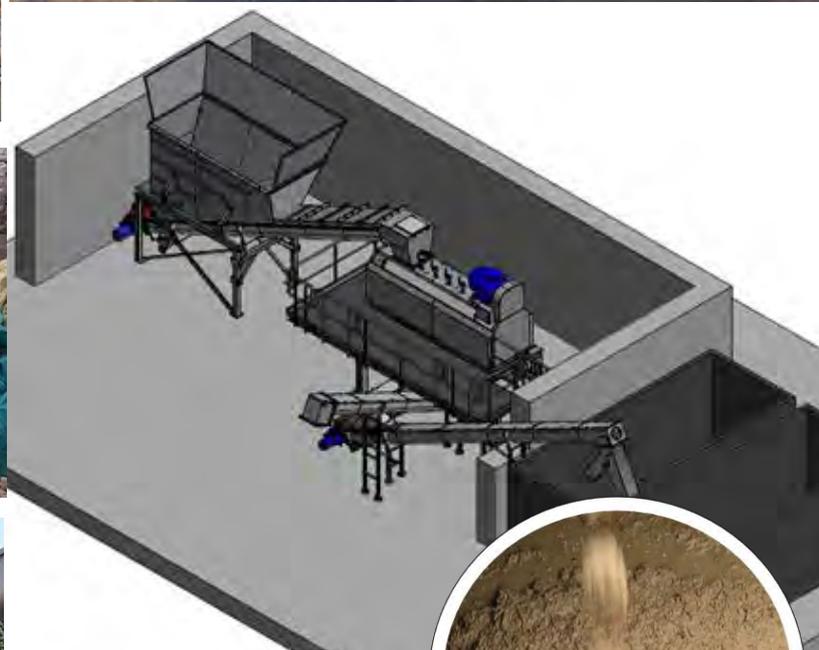
# PADDLE DEPACKER LINE - POLAND



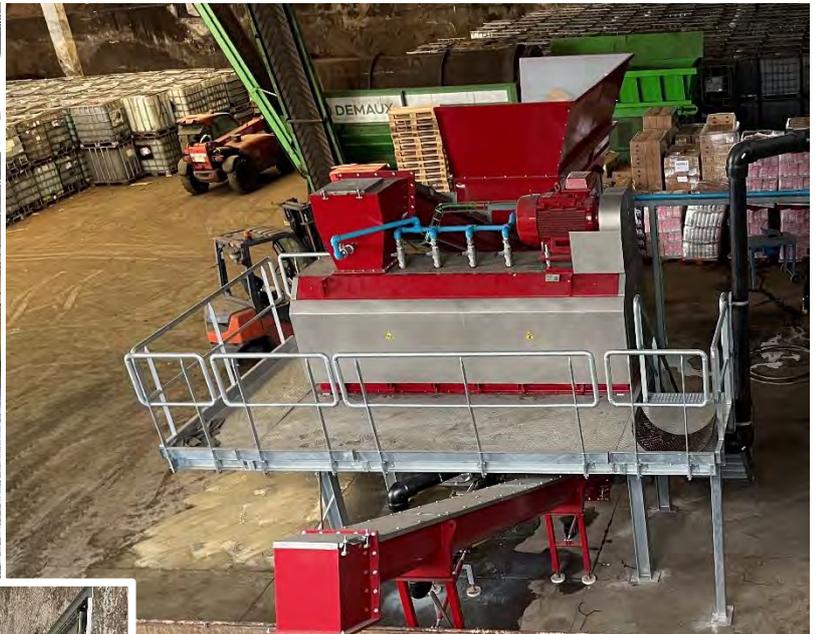
# PADDLE DEPACKER LINE (Wet & Dry) - ROMANIA



# PADDLE DEPACKER LINE (Organic Conveyor) - FRANCE



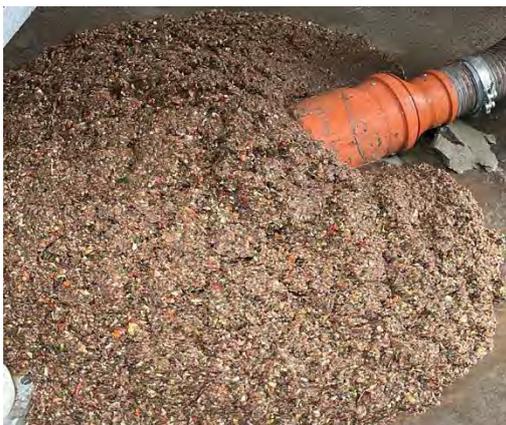
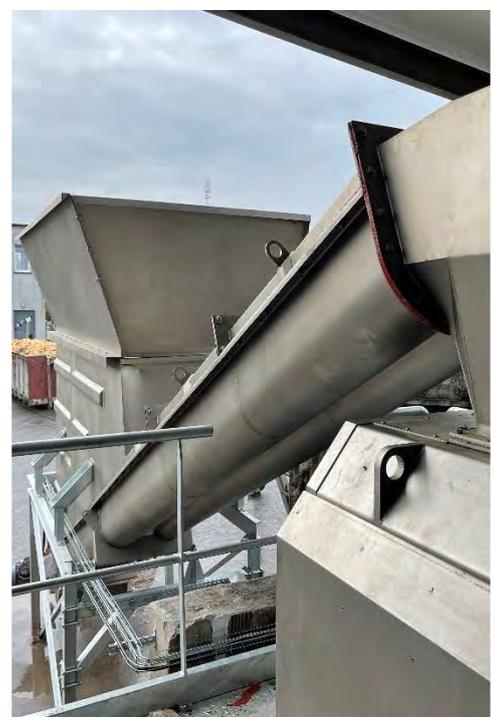
# PADDLE DEPACKER LINE - SPAIN



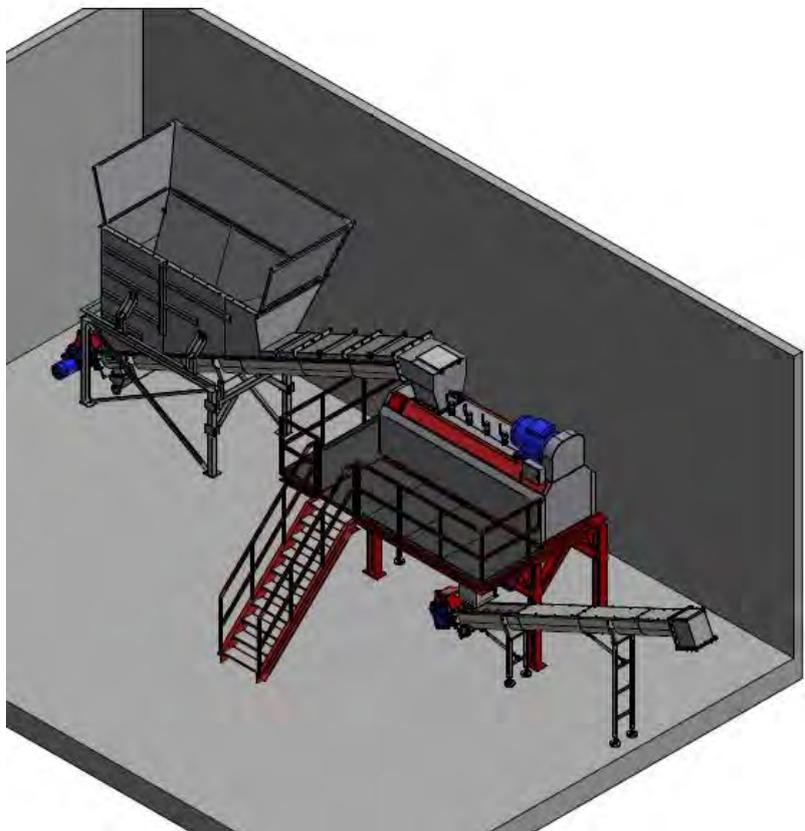
# PADDLE DEPACKER LINE - SPAIN



# PADDLE DEPACKER LINE - POLAND



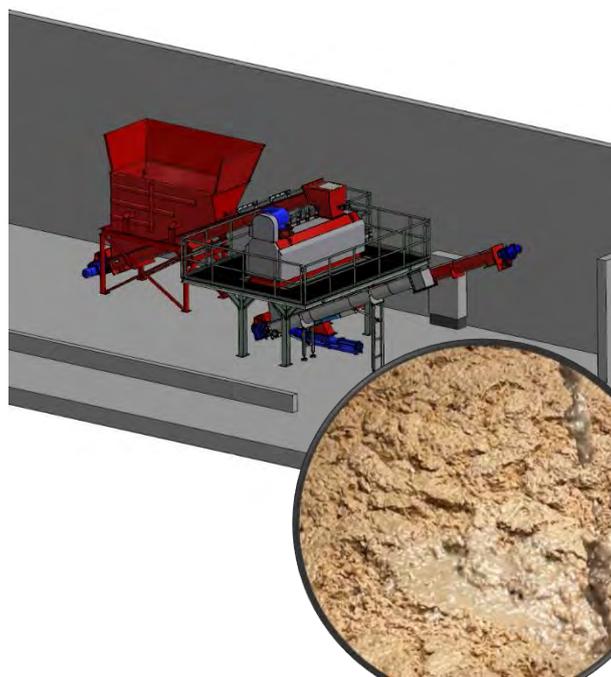
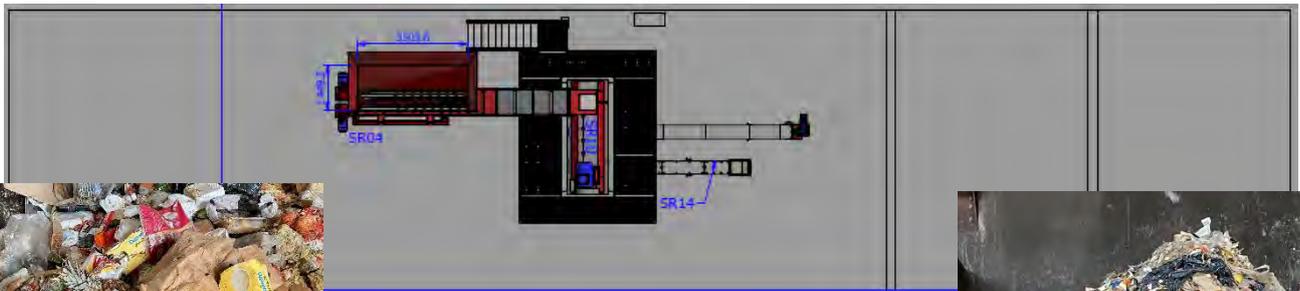
# PADDLE DEPACKER LINE - POLAND



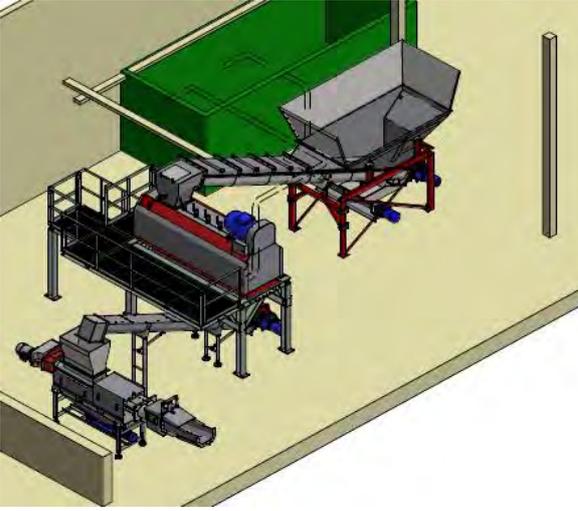
# PADDLE DEPACKER LINE (Piston Pump) - IRELAND



# PADDLE DEPACKER (Wet & Dry) - FRANCE



# PADDLE DEPACKER LINE - BELGIUM



# PADDLE DEPACKER LINE - DENMARK



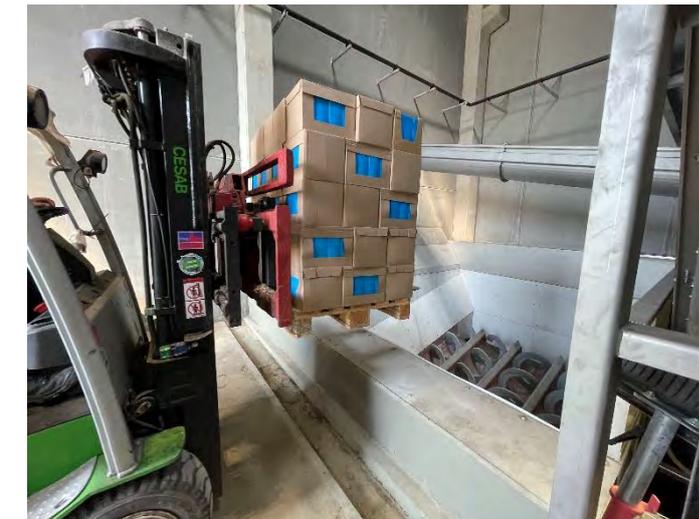
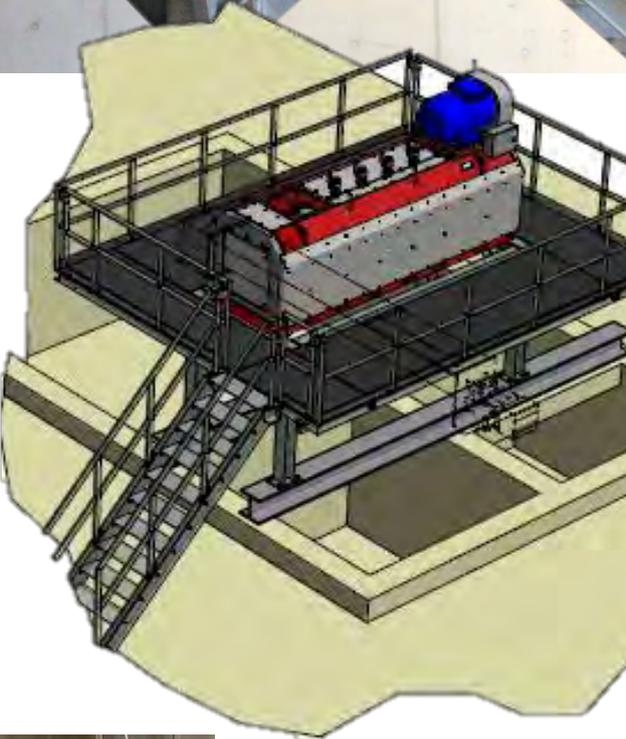
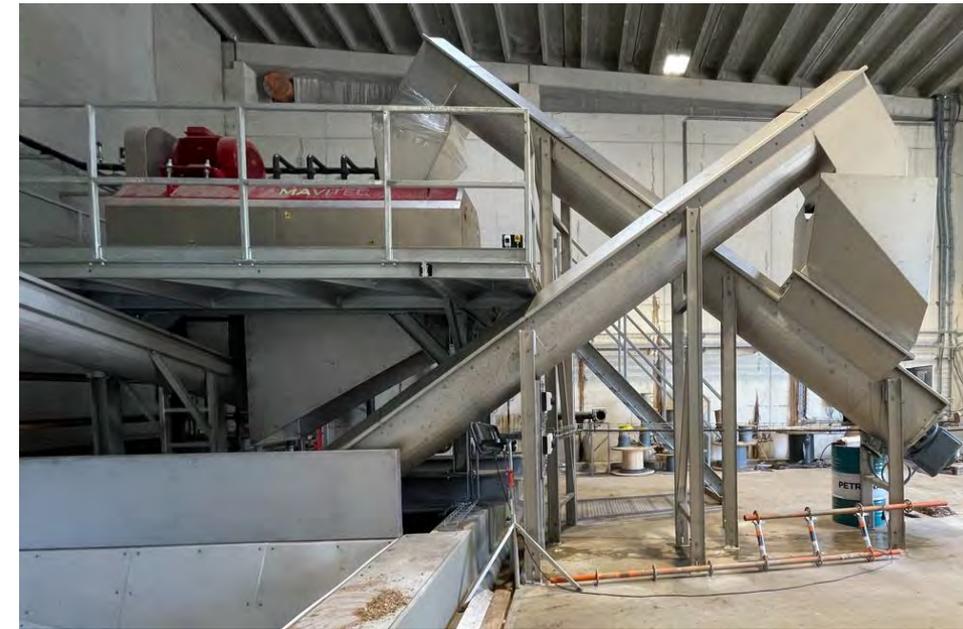
**ANALYTECH**  
Mijlaboratorium A/S  
since 1974 SYNLAB V



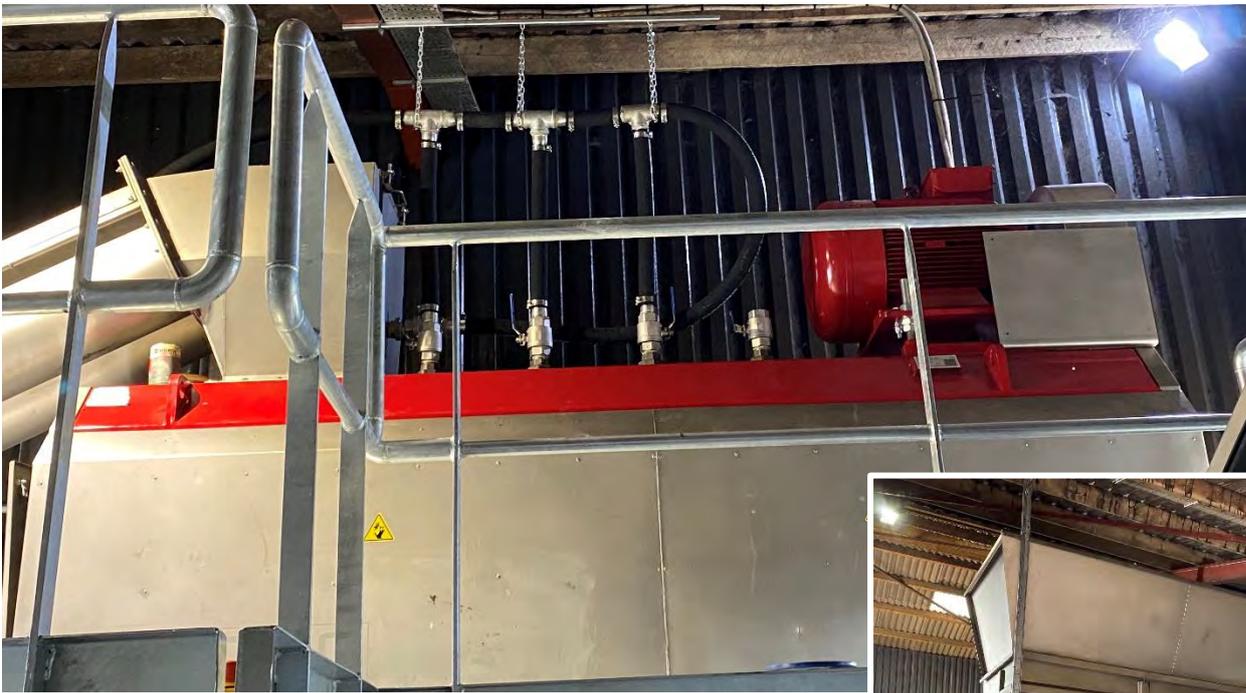
Physical impurities in dry matter

**0.088% and TS**

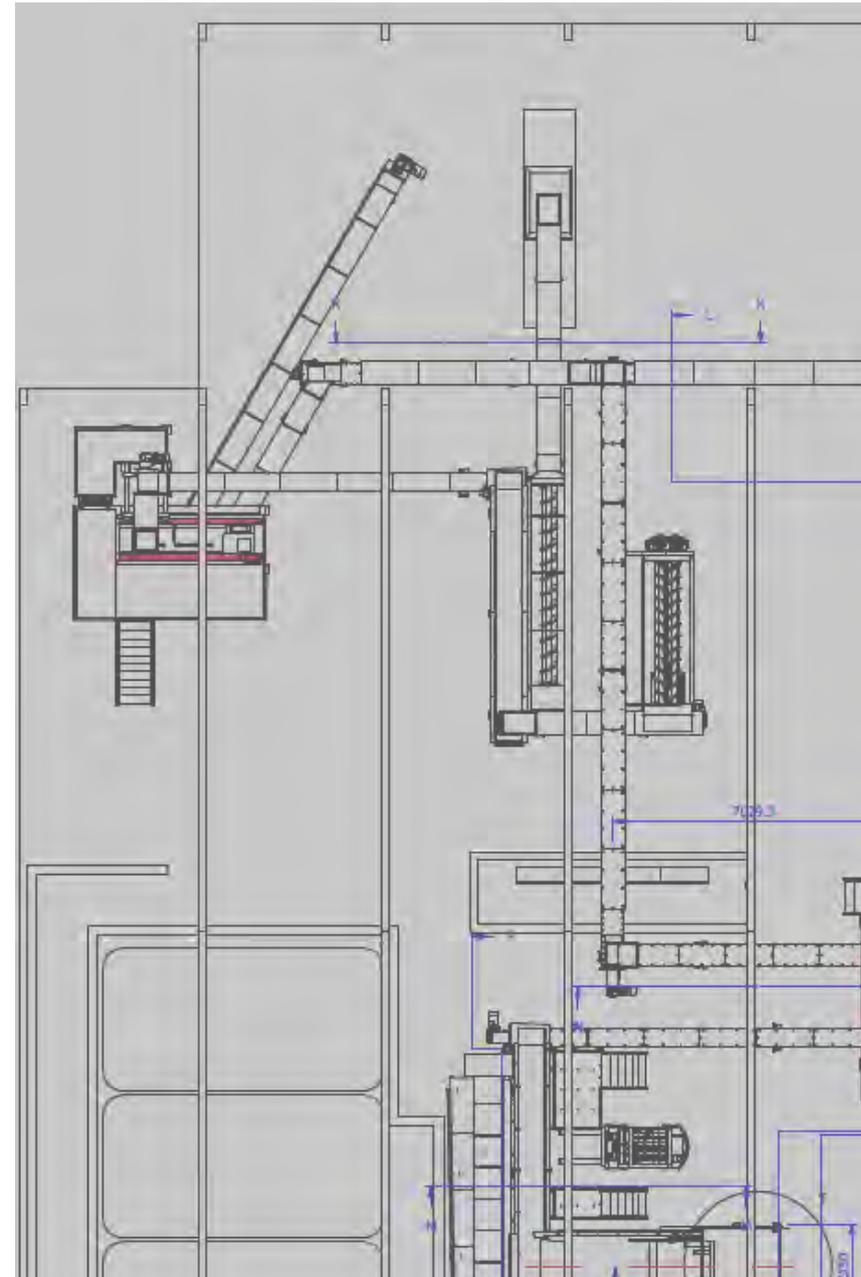
# PADDLE DEPACKER LINE (On Pit) - BELGIUM



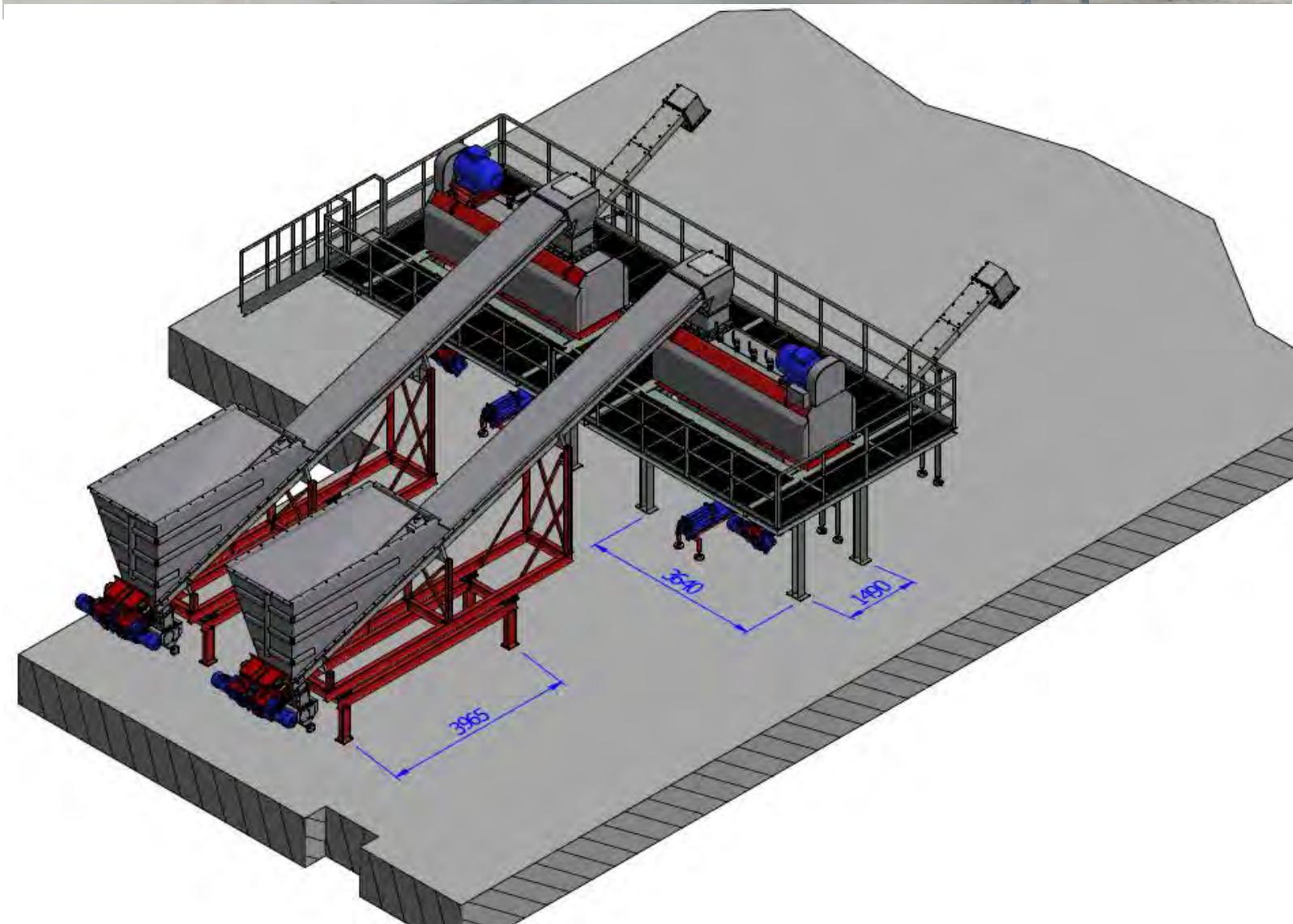
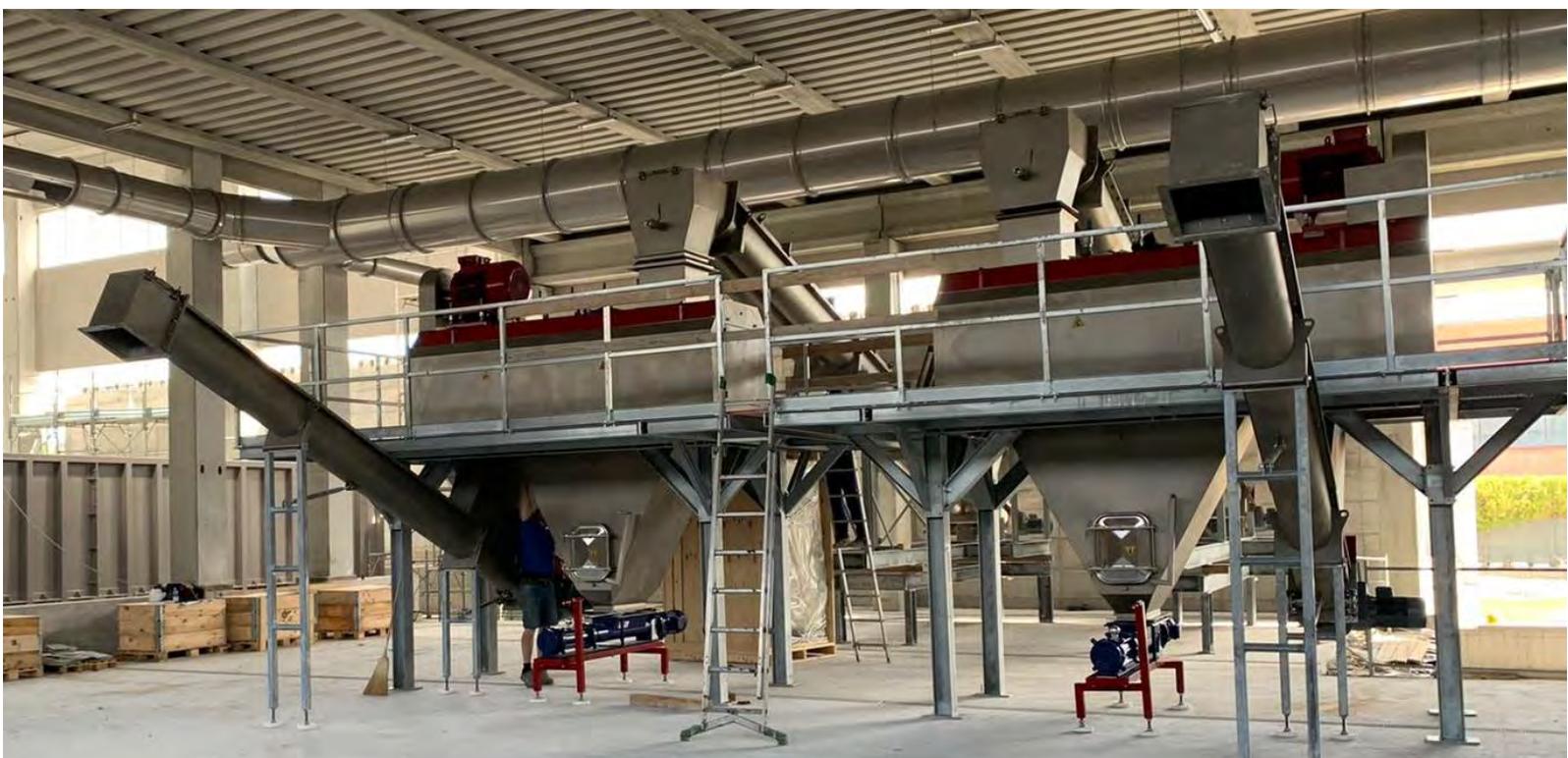
# PADDLE DEPACKER LINE - UK



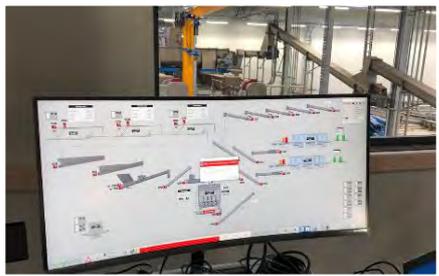
# DOUBLE PADDLE DEPACKER LINE (Wet & Dry) - UK



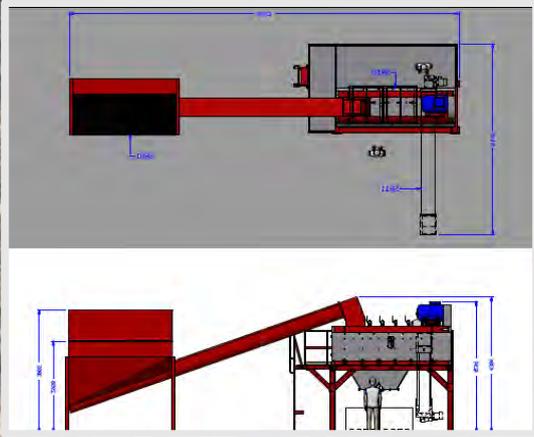
# DOUBLE PADDLE DEPACKER LINE - ITALY



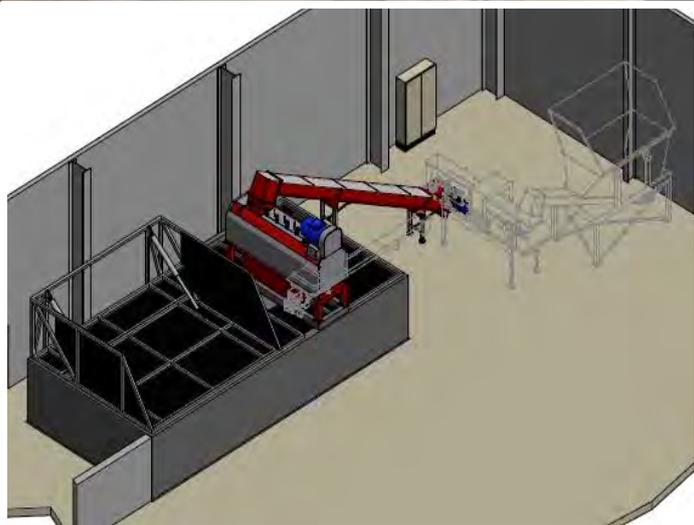
# PADDLE DEPACKER LINE (4x with Top Loaders) - NL



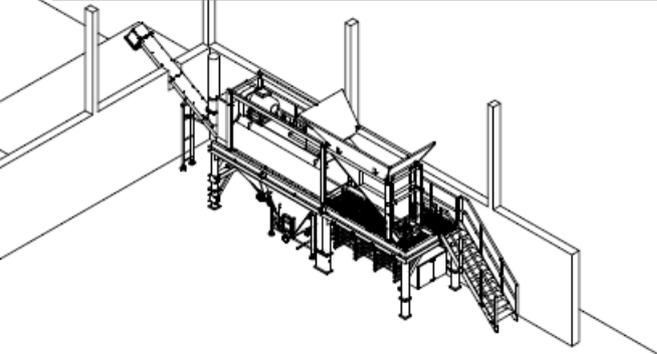
# PADDLE DEPACKER LINE - IRELAND



# PADDLE DEPACKER LINE (On Pit) - WALES



# PADDLE DEPACKER LINE (SKID) - GERMANY



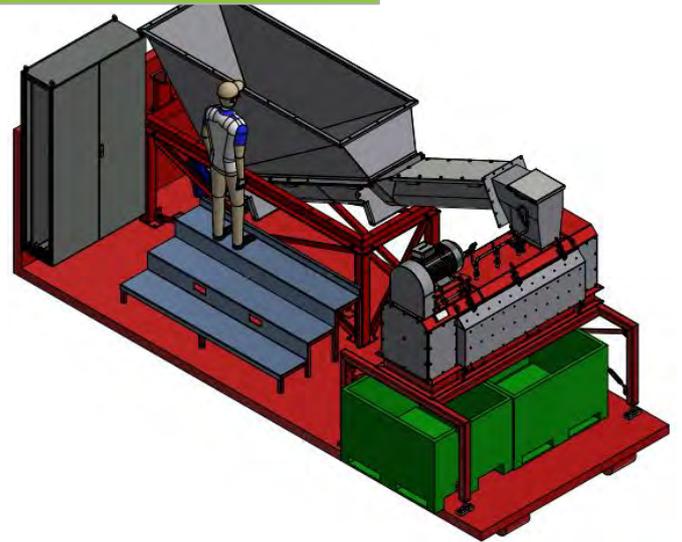
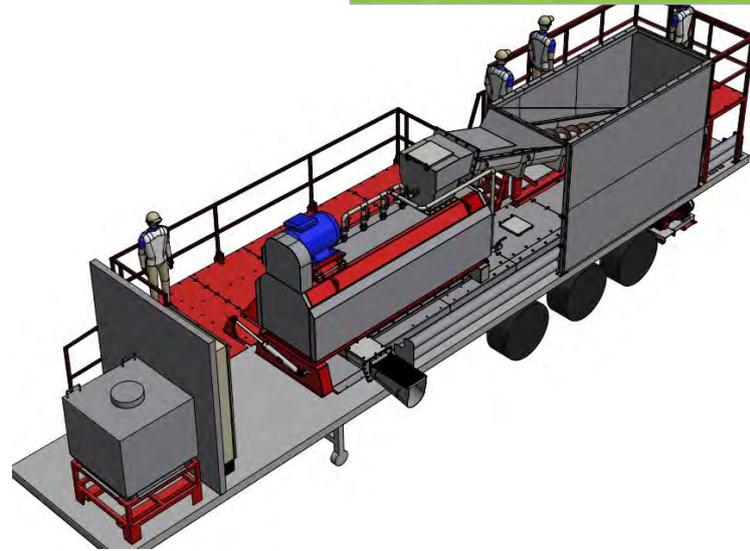
# PADDLE DEPACKER LINE – SAUDI ARABIA



# TEST / RENTAL UNITS

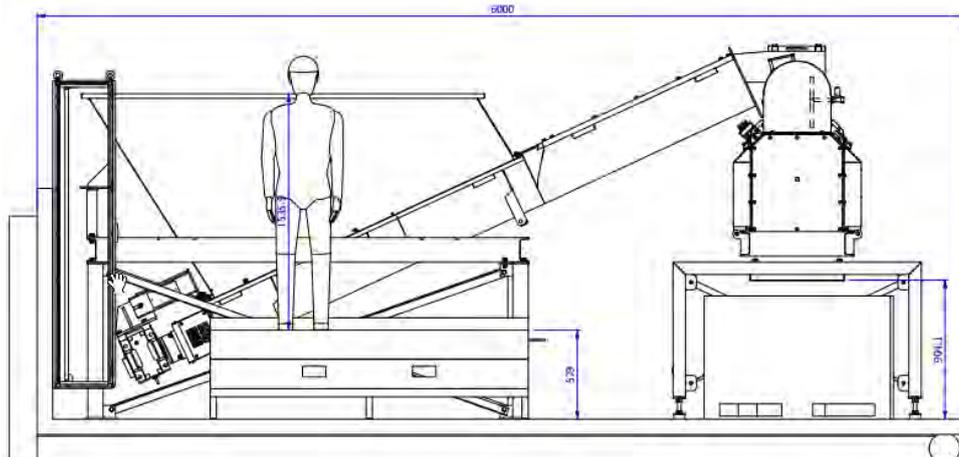
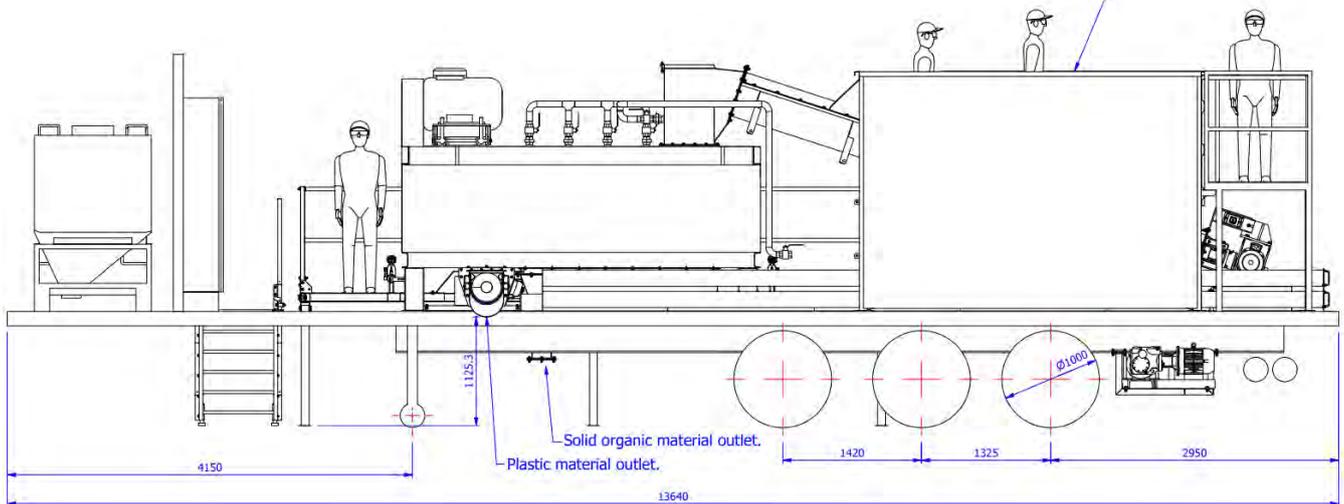
## Test your own material

Want to try the Paddle Depacker or Paddle Depacker Model S on your own site? Our machines are also available for rental! We offer you this unique opportunity to see the machine running and test your own material on your own site. Within a few hours the test unit is up and running.



**30m3 / hour Trailer Unit**

**5m3 / hour Skid Unit**



# STORAGE & HANDLING SOLUTIONS #1

## Bins

### Function:

Bins to handle: Food waste (wet, dry or both), Manure, Digestate, Straw Agricultural waste (whole or cut), Animal by products (from intestines to whole animals) and much more!

### Bin Range

- 10 m<sup>3</sup> / 15 m<sup>3</sup> / 26 m<sup>3</sup> / 30 m<sup>3</sup> / 40 m<sup>3</sup> / 50 m<sup>3</sup> / 80 m<sup>3</sup> / 100 m<sup>3</sup> / 150 m<sup>3</sup>.

### Additional options are:

- Custom engineering for every purpose
- High quality
- Carbon, ST52 & Stainless-steel
- Above or sunk into the ground
- Hydraulically controlled bin lids
- Splash shields
- Air ventilation connection holes
- Draining systems
- Mixers
- Heated coils
- Loading cells
- 1 to 4 bottom conveyors in several sizes



# BINS - REFERENCE #1



# BINS - OTHER REFERENCES



# STORAGE & HANDLING SOLUTIONS #3

## Conveyors

### Function:

Conveyors to transport many material types: Food waste (wet, dry or both), Manure, Digestate, Straw Agricultural waste (whole or cut), Animal byproducts (from intestines to whole animals) and much more.

### Conveyor range:

Diameters: 225 / 300 / 400 / 500 / 600  
+ options Keyhole

### Other options:

- Shaft or shaftless
- Ware plates in different material types:
  - Carbon
  - Stainless
- Carbon, stainless or ST52 (all is possible)
- Easy opening covers
- Safety discharge boxes
- Different engine types possible
- Draining system / perforation
- Heated coil/shaft or trough





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