

TEE Waste Incinerator Types

January 2018



Dear Customer / Dear User

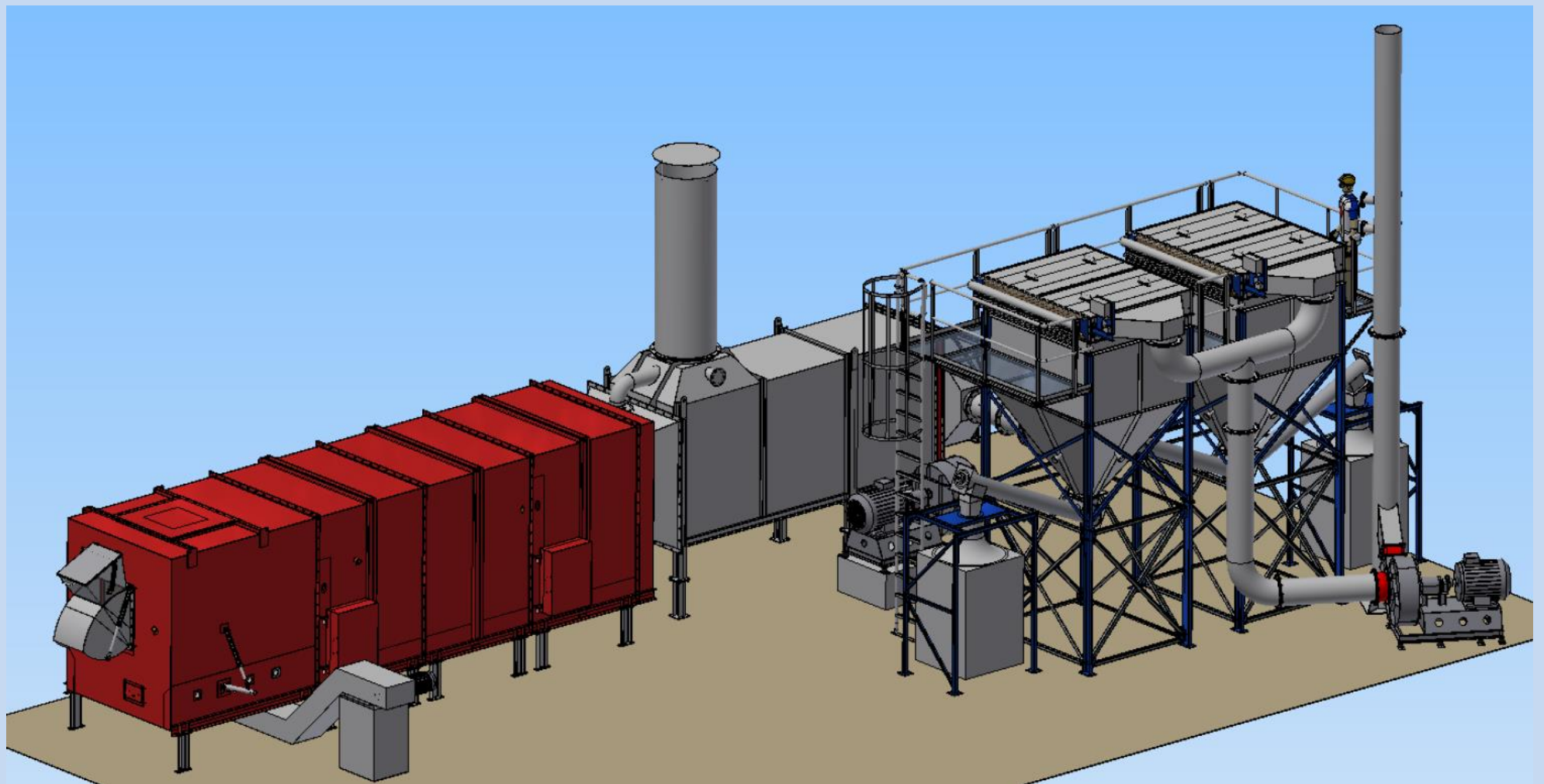
As a **ZANNI- GROUP** member we are engaged in developing and design of different waste incinerator types. Based on discussion with clients and experinces made with previous installations **TEE** start to develop standardized incinerator units.

When you made a decision to install a new incinerator you should also consider:

- transportation and installation cost

Depending on local availability of material and staff these things may become a problem which lead to unexpected cost and time delay.

TEE standardized incinerator units depends on several similar cubes, completely insulated with length of 1,9 meter.

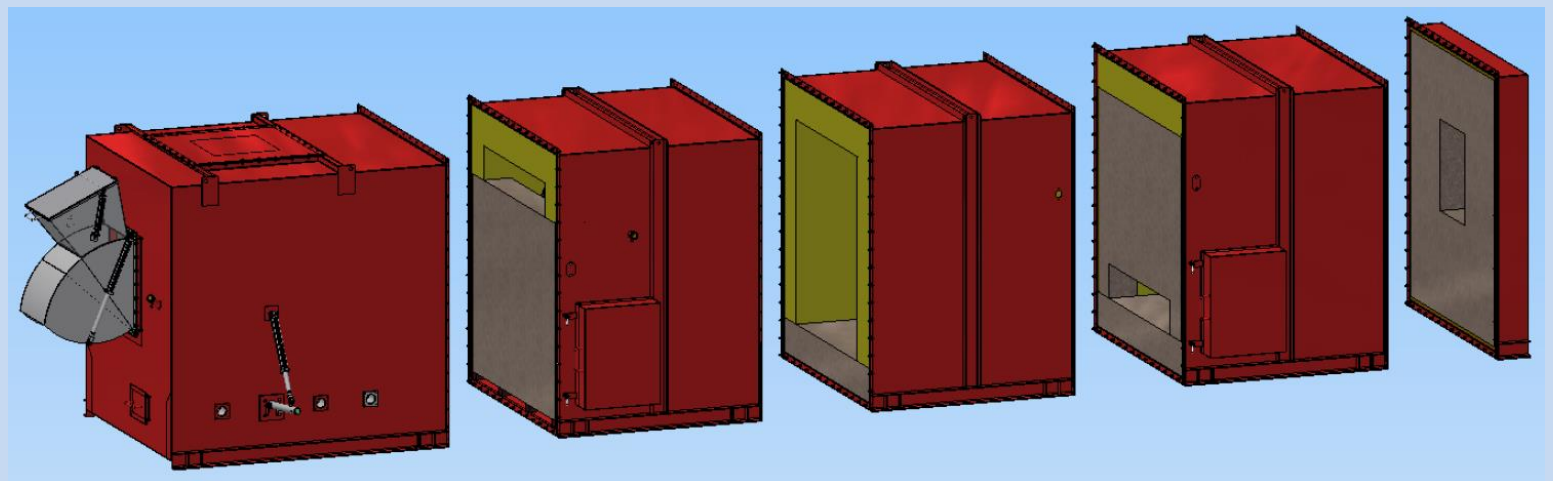


Depending on your transportation and lifting capacities this cubes can be pre- assembled shipped to site inside a standard sea container at lowest cost. Cubes are connected by bolts and nuts- no special tool required.

TEE provide a preassembled cable kit with special plugs to finish cabling work within a few days only without risk of wrong termination.



Plug connection



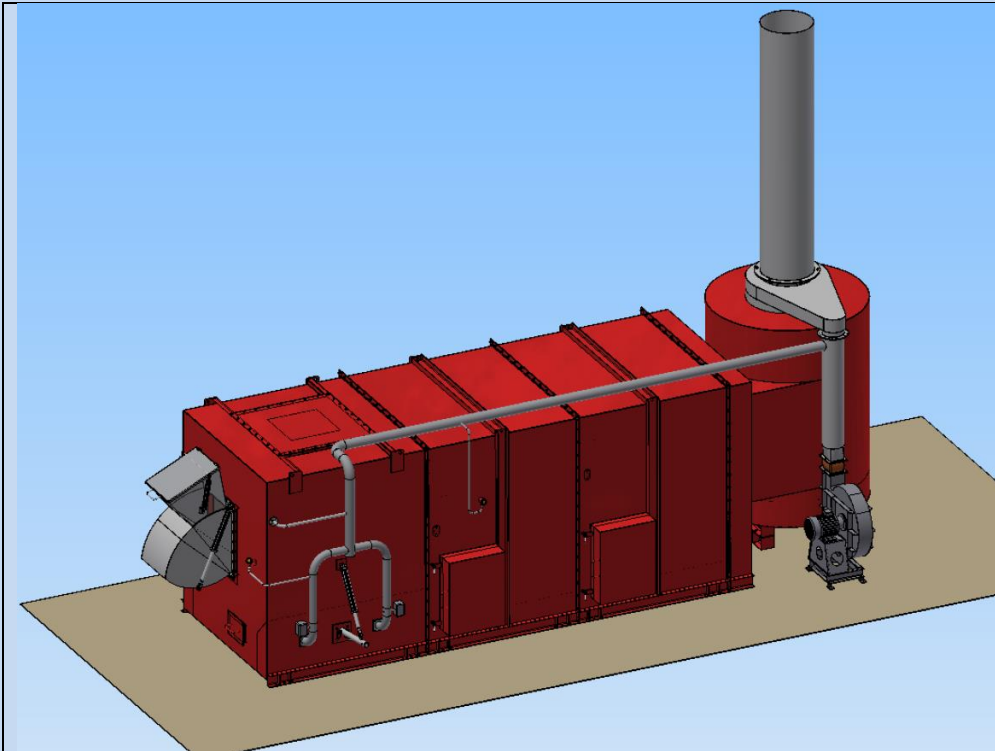
TEE cube system allows easy transport and installation on site

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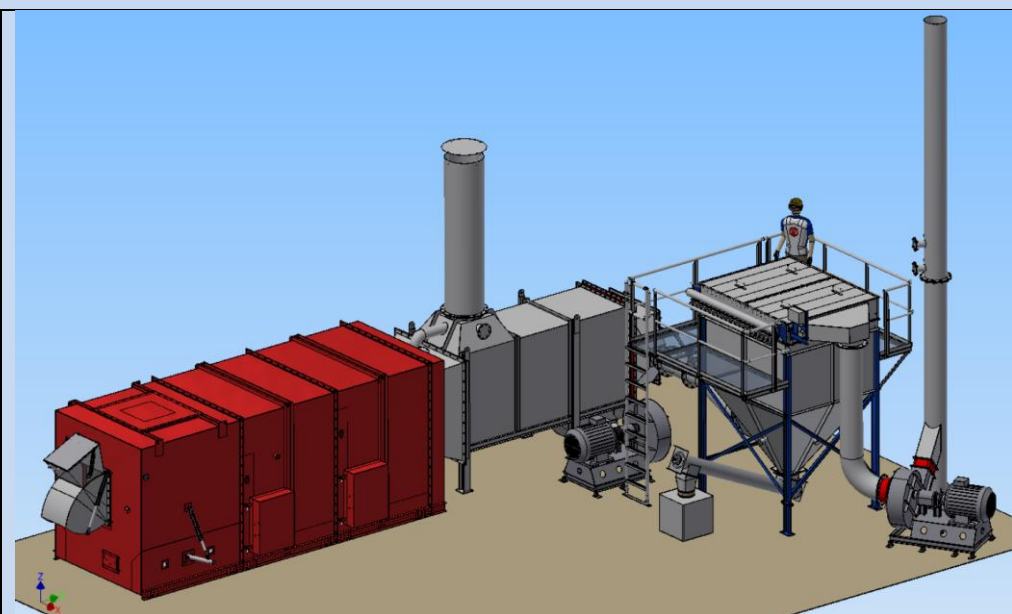
BASIC



Philosophy:
simple as possible @ low budget

- Equipment:**
- Main combustion chamber with grate and feeding door
 - second combustion chamber,
 - 2 diesel fuel burner,
 - hot gas cyclone,
 - blower for combustion and cooling air,
 - stack

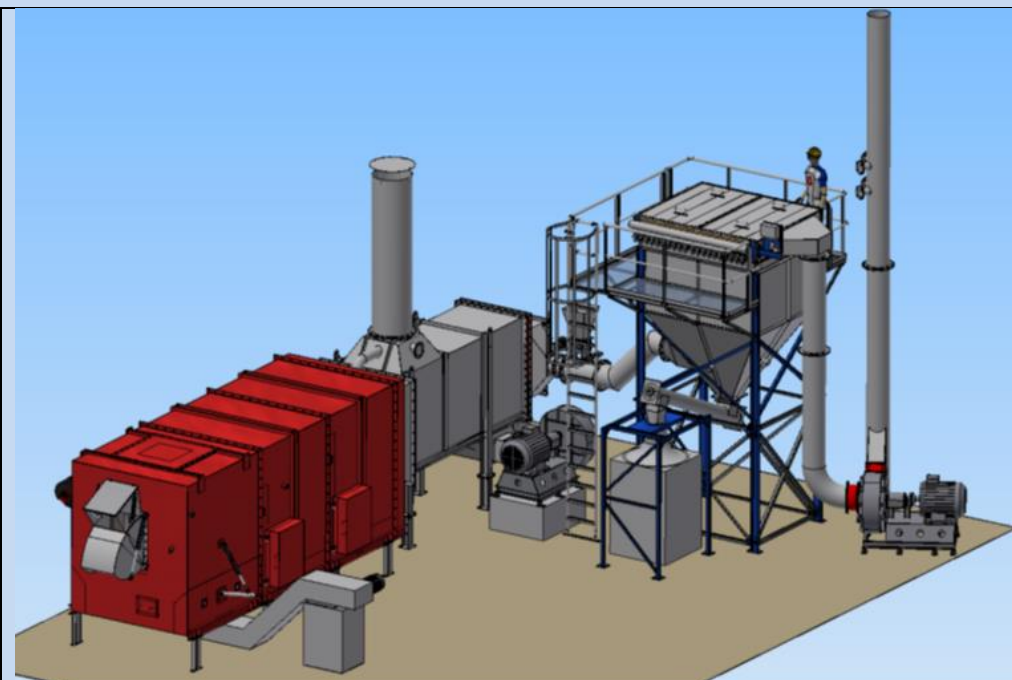
STANDARD



Philosophy:
Waste incineration under EN Directive 2000/76/EC

- Equipment:**
- Main combustion chamber with grate and feeding door
 - second combustion chamber,
 - 2 diesel fuel burner,
 - flue gas cooler with blower speed controlled
 - blower for combustion air,
 - Bicarbonate dosing and mixing station
 - filter unit with ceramic candles and online cleaning
 - ID fan to create underpressure @ combustion chamber
 - Control cabinet
 - stack

EXCLUSIVE



Philosophy:
Comfortable waste incineration EN Directive 2000/76/EC and CGMS

- Equipment:**
- Main combustion chamber with grate and feeding door automatically
 - waste feeding with conveyor belt automatically
 - second combustion chamber,
 - 2 diesel fuel burner,
 - deashing system automatically
 - flue gas cooler with blower speed controlled
 - blower for combustion air,
 - Bicarbonate dosing and mixing station
 - filter unit with ceramic candles and online cleaning
 - screw conveyor and big bag station for dust collection
 - ID fan to create underpressure @ combustion chamber
 - Control cabinet with modem
 - stack
 - Gas monitoring system CGMS @ stack to observe emissions

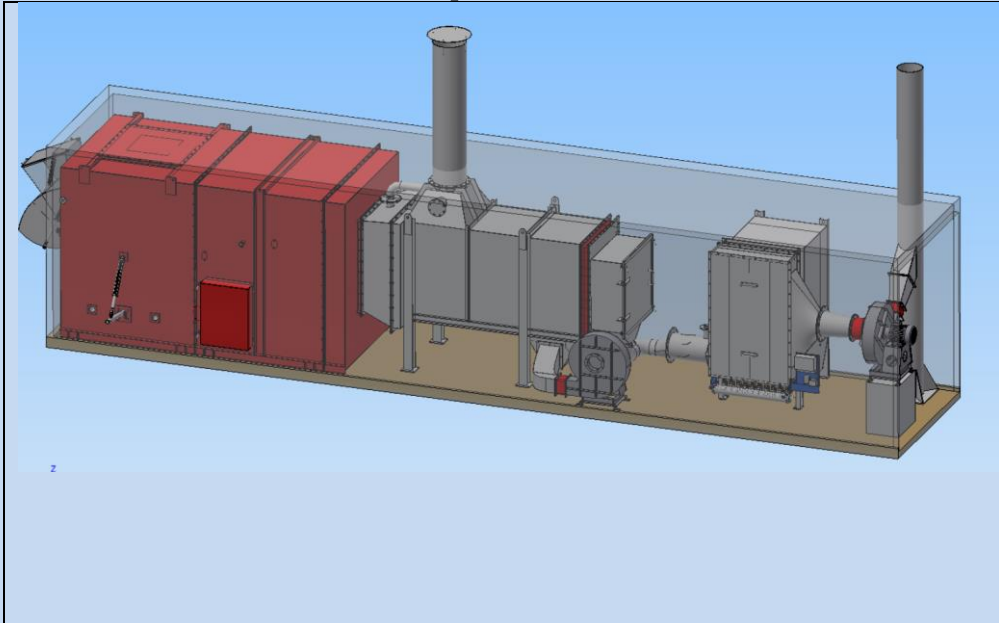


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Mobile and transportable incinerator units / Container installations



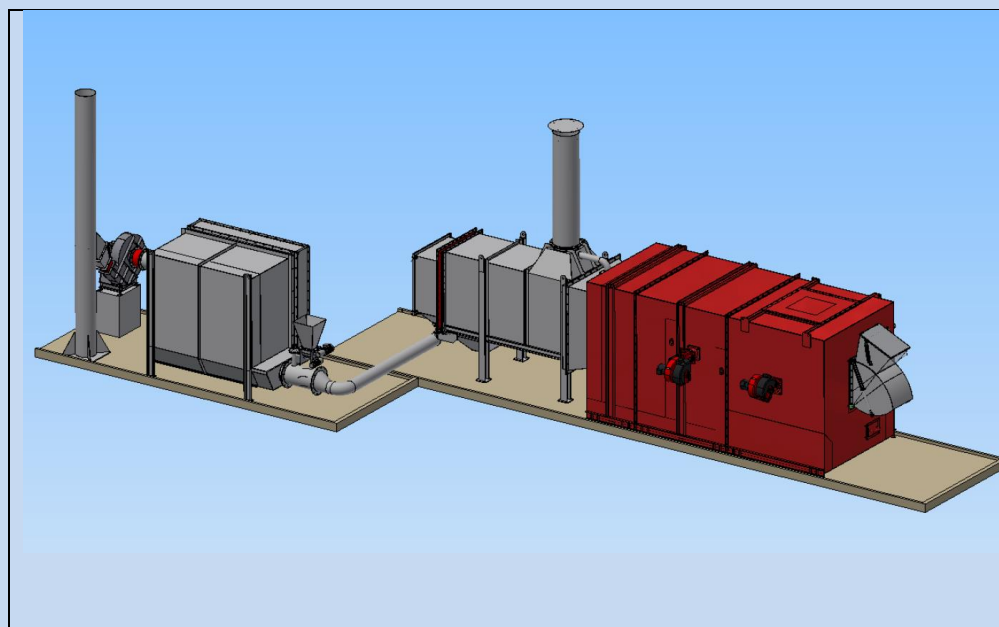
Philosophy:

Mobile waste incineration unit complete assembled inside a standard sea container. EN Directive 2000/76/EC
Capacity: 100 kg/h

Equipment:

- Main combustion chamber with grate and feeding door
- second combustion chamber,
- 2 diesel fuel burner, 500kW each
- flue gas cooler with blower speed controlled
- blower for combustion air,
- Bicarbonate dosing and mixing station
- filter unit with ceramic candles and online cleaning
- ID fan to create underpressure @ combustion chamber
- Control cabinet
- stack

Incinerator units on flat rack



Philosophy:

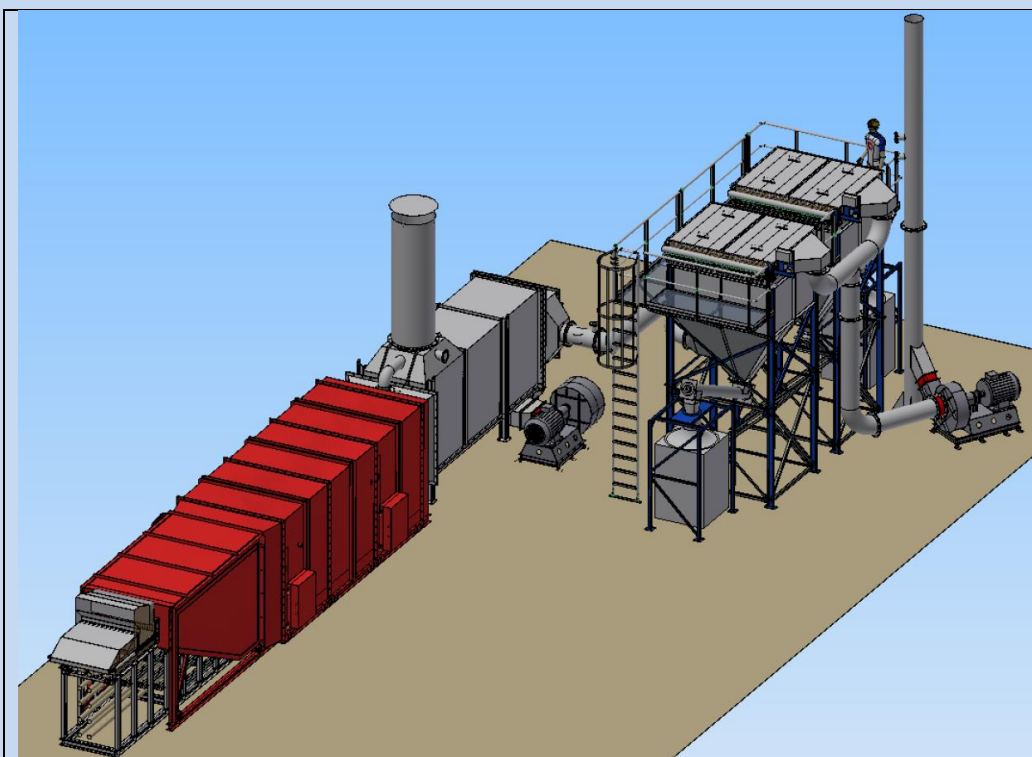
Mobile waste incineration with higher capacity assembled on top of a flat rack. under EN Directive 2000/76/EC

Capacity: up to 200 kg/h

Equipment:

- Main combustion chamber with grate and feeding door
- second combustion chamber,
- 2 diesel fuel burner,
- flue gas cooler with blower speed controlled
- blower for combustion air,
- Bicarbonate dosing and mixing station
- filter unit with ceramic candles and online cleaning
- ID fan to create underpressure @ combustion chamber
- Control cabinet
- stack

Incinerator units with Hover Bed Technology

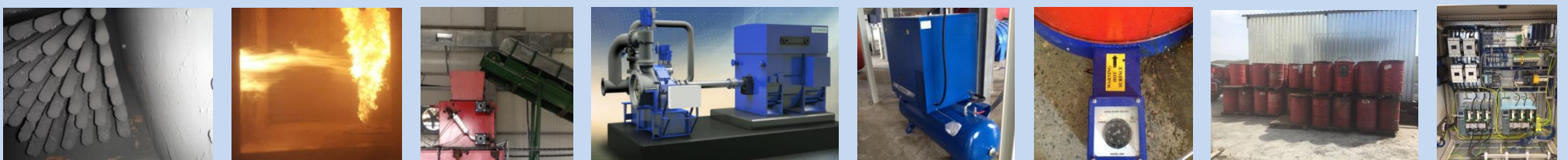


Philosophy:

Complete and efficient combustion of waste > 300 kg/h under EN Directive 2000/76/EC for all kind of waste which is difficult to burn.

Equipment:

- Main combustion chamber with moving grate in Hover bed design
- waste feeding system- automatic
- second combustion chamber,
- 2 diesel fuel burner,
- flue gas cooler with blower speed controlled
- blower for combustion air,
- Bicarbonate dosing and mixing station
- filter unit with ceramic candles and online cleaning
- ID fan to create underpressure @ combustion chamber
- Control cabinet
- stack

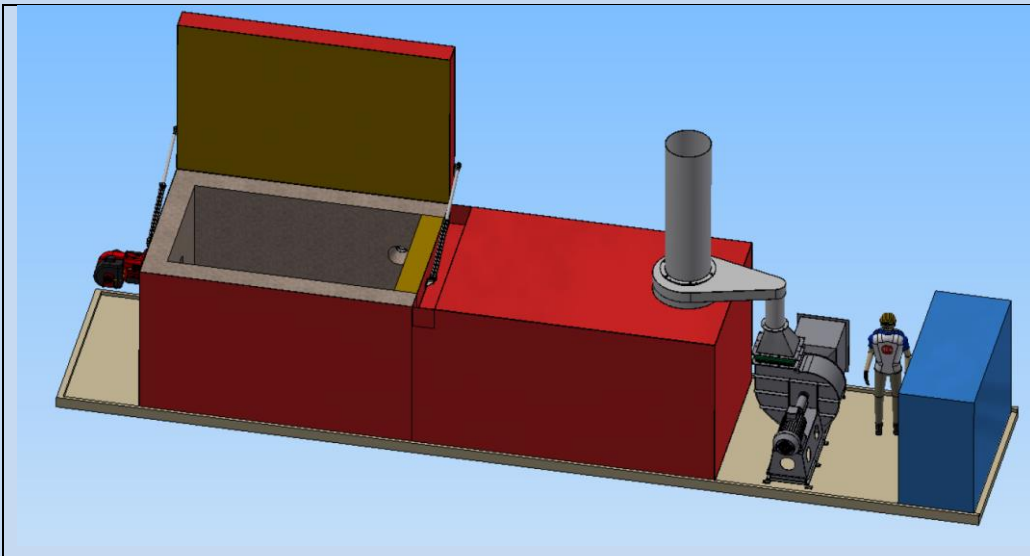


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Incinerator units for Animal carcass



Philosophy:

Easy and efficient incineration of animal carcass to destroy also virus and disease carrier. Installation on 40 feet Flat Rack for transport from site to site.

Equipment:

- Main combustion chamber with big top feeding door, hydraulic Operated, inner dimension 3m x 1,7m x 1,9m
- second combustion chamber,
- 2 diesel fuel burner, 1.000 kW each
- blower for combustion and cooling air,
- Control cabinet
- stack
- diesel fuel tank 2.000 liter capacity

