

Slaughterhouse`s incineration plant with facility for warm water, without any smoke or a smell

Model TEA 450

TEA-MEDICINA d.o.o. offers You the whole variety of equipment for animal waste incineration and other secured waste, capacity 20 to 1000 kg waste/hour. Whole incineration system is entirely certified and compatible due to Croatian regulations for by-products of animal origin (N.N. 56, 22.05.2006.) as for the existing European standards in accordance with regulation 1774/2002. The work of incineration plant is without any evidence of a smoke or a smell.



Model TEA EKO 450

Variety of models

Great amount of incineration plant's different type provide individual approach to every customer. Incineration plant's capacity is determined towards the amount and size of the waste as for the warm water requirement. Unique system for warm water obtaining provides its use in technological process, obtains for heating, washing etc.

Free warm water

Huge advantage of incineration plant is this unique commutator with ability for free warm water obtaining and with thermo isolated tank towards customers requirement (1m³ - 20 m³). Commutator capacity is to 10 Kw – 100 Kw. Water is heated to the temperature of 85°C, after which is saved and used in technological process for heated area, washing and douching. As one of the products of waste incineration there is thermal energy.

Advantages

Hygienic way of waste degradation. Fast and effective disease prevention.

Simplicity

Simple waste and body loading.

Automatic control of waste incineration process with active temperature listing.

Built-in alarms for control work of incineration plant.

Economy

Low fuel consumption (gas, fuel oil) and free warm water. Machinery built to work with natural gas, Lpg, fuel oil as for controlled process of incineration system with the use of high quality thermo isolated materials which assure minimum fuel consumption.

Durability

Construction and used fireproofed materials (to 1600 °C). Guaranty for 2 years.

Functionality

Incineration plant can also be used for the incineration of other secure waste by simple regulation of temperature, depended on type of waste.



MAIN DOMAIN:

- Low cost of work and maintenance.
 - Speed of incineration min 200 kg/h.
 - Simple and fully automatized system of guidance.
 - Automatic sub heating.
 - Temperature of incineration to 1600°C.
 - Thickness of external box 5mm (steel with fully isolation).
 - Fireproofed material tested on T = 1 600°C.
 - Simplicity of loading provided with large opening.
 - Special opening for the discharge.
 - Unwretched steel chimney.
 - Without any smoke or smell.
 - Constant ventilation.
 - 36 months guarantee.
 - Lifetime: minimum 15 years.
- Croatian certificates.
According to EU standards with regulation 1774/20002, CE certificate ABPR/DEFRA.



TECHNICAL SPECIFICATION

TEA EKO 450

Fuel	fuel oil/diesel oil/natural gas/Lpg
Capacity (m ³)	5,30
Consumption (l/h, m ³ /h)	8,9 l/h ; 9,9l/h
Capacity (kg), speed (kg/h)	4500kg; 450kg/h

EXTERNAL DIMENSIONS

Length (mm)	4500
Width (mm)	1800
Height (with chimney) (mm)	2700
Door opening (mm)	3000 x 1500

INTERNAL DIMENSIONS

Length (mm)	2700
Width (mm)	1500
Height (mm)	1100

INCINERATION

Min. Temperature	1000/1500
Max. Temperature	1600
Residence in secondary chamber	2 sec.
Temperature monitoring	Yes

