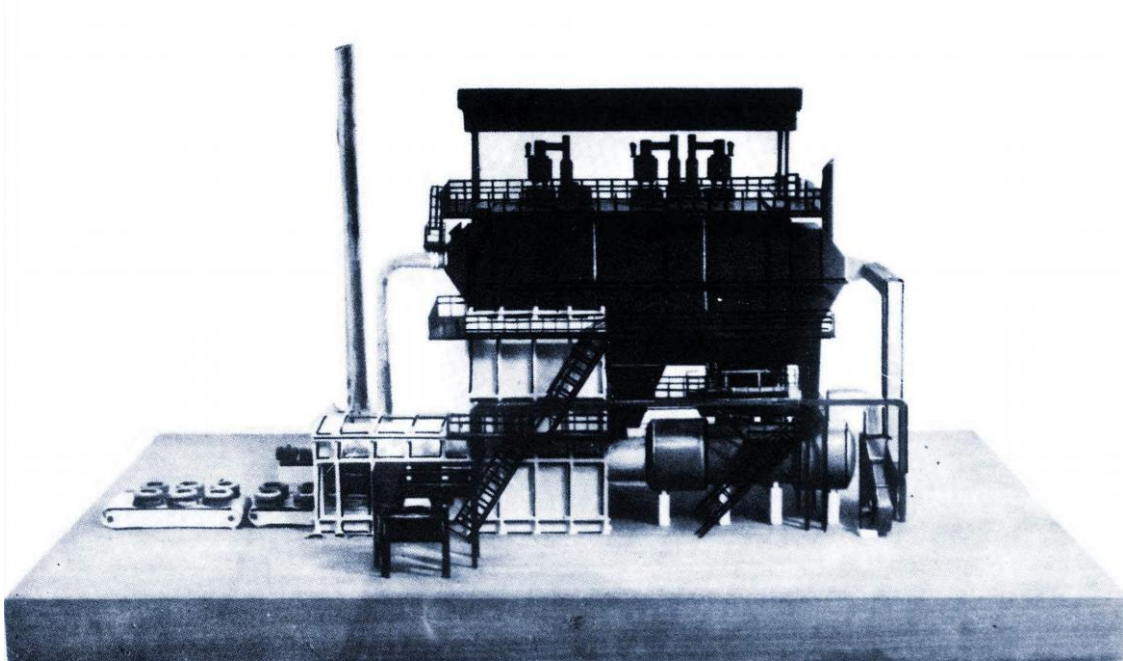


Industrial waste combustion plant

An industrial waste combustion plant is intended for burning of worn-out tires and rubber containing industrial wastes without preliminary decomposition using evolving heat for technological needs and heating.



Quantity of burned wastes – 10000 t per year, steam output – 8 t per hour at steam pressure 1,37 MPa.

Plant consists of furnace, a combustion chamber of final combustion, boiler-utilizer, air heater, gas cleaner, smoke filter, ventilator and funnel.

Constructive features of furnace and combustion chamber of final combustion provide the developed waste combustion technology, allow full waste combustion and minimum content of harmful substances in effluent gas of plant.

Furnace gas composition when rubber containing wastes are burned mg/m^3 :

SO_2 - 250

NO_2 -100

CO – 70

Hard particles – 60

Plant allows to economy 7000 t of ideal fuel per year and to improve the industrial region environment.