

## KLK 04-1 INCINERATOR

The incinerator for rejected meat, high-risk products and by-products, as well as corpses of animals has two burning chambers: the main chamber, where rejected items are burned, and the secondary burning chamber, where the smoke and gases produced by the main burning chamber are burned.

### MAIN BURNING CHAMBER

It is made of fireproof material, and there is a special layer of insulation between the external frame and the internal wall, with the result that heat is not transferred to the external surface. The maximum temperature it can reach is up to 1150° C and can be adjusted automatically by the electronic panel and the sensing device present inside the burning chamber. The electrical panel has a LED display for the temperature. The temperature inside the chamber is adjusted automatically by a thermostat that sends an order to the burner. When the burner reaches the desired temperature, it turns off automatically. After one minute, the thermostat gives the burner the order to start functioning. To restart the burner, a manual command can be given. The diesel burner has a heating capacity of 61.200–176.500Kcal. It also has an oxygen feeding system for better combustion. The maximum loading capacity is from 200 to 320 Kg per hour depending on the material being burned. Diesel consumption ranges from 6 to 17Kg per hour. For its easy use and simple operation, it has a side door, for the easier feeding of the machine and the cleaning of the remaining ashes to be easier. The proportion of ash to the amount of materials is about 2%.





### **SMOKE AND GAS BURNING CHAMBER**

The incinerator is manufactured in order the smoke which is produced by the burning process to go directly at the secondary chamber for their re-burning. It is made by fireproof raw materials. The maximum temperature that it reaches is related to the temperature of the main burning chamber, as they operate simultaneously. It has a diesel burner with a heating capacity of 20.400 57.100Kcal. Diesel consumption is 2.5 to 5.6 Kg per hour.

### **OIL TANK**

The incinerator has a 1000 liter diesel tank with comparable diesel filters.

### **PROGRAMMING AND CONTROL PANEL**

The incinerator has a panel for programming its operation, for its handling, adjustments, and control.