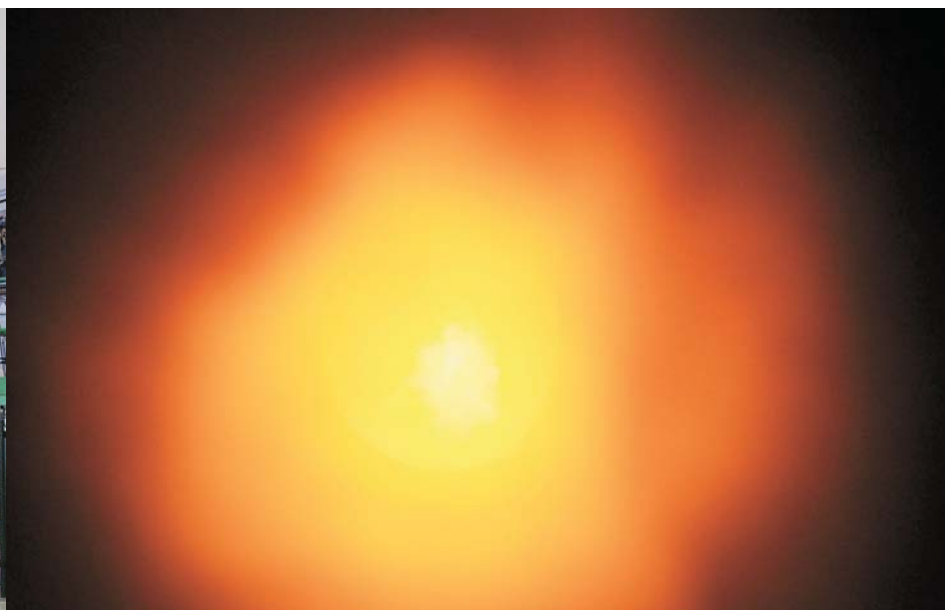




Incineration kilns



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Incinerator for voluminous waste

■ KT SERIES

Designed for big-sized waste destruction.

Its loader allows the waste charging without any handling.

Utilization:

- Big animals
- Voluminous wastes



Model	Chamber volume (m ³)	Max. loading capacity (kg)	Destruction capacity (kg/h)*
KT-8.000	8	700	350
KT-10.000	10	850	500
KT-12.000	12	1.000	650

* Capacity is referred to a solid waste with a l.c.v. of 1.000 kcal/kg

Rotary chamber incinerator



■ ROT SERIES

Rotary chamber

Mechanical loader

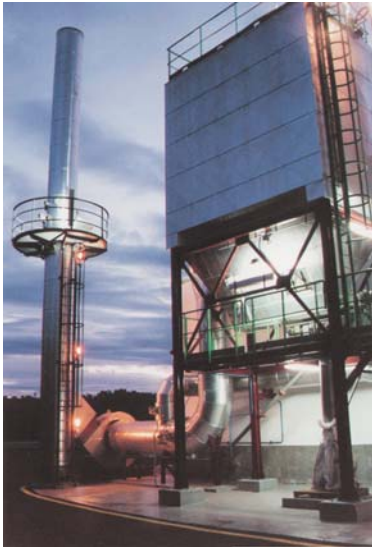
It can optionally incorporate a lifter-tilter for normalized containers

Utilization:

- Biosanitary waste
- Slaughtering-house waste
- Easy to assimilate to urban waste
- Industrial waste

Model	Chamber volume (m ³)	Max. loading capacity (kg)	L.C.V. 1.000 kcal/kg	L.C.V. 2.500 kcal/kg
ROT-600	2,28	250	125	85
ROT-1.000	3,32	400	200	120
ROT-1.500	6,27	600	300	180
ROT-2.500	10,92	900	450	270

Continuous rotary incinerator



■ KR SERIES

Continuous operating: 24 h/day

Loading system adapted to each application

Ashes extraction automatic device

Adjustable rotary speed

Utilization:

- Biosanitary waste
- Industrial waste
- Urban waste



Rotary system

Model	Destruction capacity (kg/h) animal waste	Destruction capacity (kg/h) meat meal	Destruction capacity (kg/h) hospital waste	Length	Width	Height	Approx. weight
KR-2.100	600	400	500	13 m	8 m	15 m	130 Tm
KR-4.200	1.150	700	800	15 m	8 m	16 m	160 Tm
KR-5.400	1.500	900	1.000	17 m	8,5 m	16 m	200 Tm

* Other models on demand

Fuel

- Fuel-oil
- Natural gas
- Propane
- Biogas
- Animal fat



GASES CLEANING AND ENERGY VALORIZATION

Incinerators are designed to work in the following conditions:

- Temperature in the combustion chamber which is adjustable up to 850 °C
- Temperature in the thermal reactor (postcombustor) which is adjustable between 850 and 1.100 °C
- Gases permanence time in the postcombustor of 2 seconds
- Transparent and odourless gases



integral service of project, installation and maintenance

Incinerators can optionally include a non-catalytic system (SNCR) for NOx reduction.

Kalfrisa supplies installations for gases cleaning with calcium hydroxide or sodium bicarbonate and activated carbon to comply with environmental regulation.

Incinerators can incorporate steam production boilers, turbines and alternators to generate electric power.

On demand, emissions measuring systems are supplied, which allow a continuous measuring and the recording of pollutant parameters of gases extracted through the stack.

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