

KP INCINERATORS



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Kalfrisa has developed its static incinerators for the pet and farm animal sector for rapid, effective disposal of animal carcasses and animal waste in conditions of maximum hygiene and in full compliance with the provisions of the environmental regulations in force.

This is an autonomous waste management system which means farmers no longer have to depend on periodic animal carcass collection by an external service that can often cause inconvenience and involve invasive procedures on farms, with the risk of spreading pathogens that endanger livestock health and jeopardise the farm's profitability.



→ Kalfrisa offers you its range of KP incinerators geared towards the pet and farm animal sector. Maximizing biosecurity on livestock farms is essential. Animal incineration on farms reduces and avoids the transmission of diseases, a factor of growing importance.

KP INCINERATOR MODELS

Kalfrisa provides 4 standard ranges of the KP incinerator for the cremation of farm animals or pets:

KP-650, KP-1200, KP-2000 and KP-5000.

	KP-650	KP-1200	KP-2000	KP-5000
Maximun cremation capacity	< 50kg/h	< 50kg/h	50kg/h	50kg/h
Useful dimension of loading aperture	1.100x800 mm	1.900x900 mm	1.940x1.140 mm	1.550x2.450 mm
Useful length of cremation chamber	1.100 mm	1.900 mm	1.940 mm	2.240 mm
Vol. of the cremation chamber	0,66 m³	1,28 m³	2 m³	5 m³
Maximun waste load	400 kg	600 kg	1.100 kg	1.500 kg
Installed electric power	2,5 kW	2,5 kW	3,0 kW	4,0 kW
Effective heating power	260 kW	236 kW	360 kW	450 kW
Total weight of unit	4.000 kg	5.300 kg	7.800 kg	12.000 kg

EFFICIENCY

Reduction of costs – no need for an external carcass collection service.

BIOSECURITY

On-farm incineration of animal carcasses and waste eliminates any probability of spreading infectious agents. Autonomous management of waste avoids carcass storage and collection.

ECONOMIC VIABILITY

Our incinerators are based on the principles of reliability, sustainability, and cost efficiency.

ENVIRONMENTAL IMPACT

Internally the gases generated undergo a heat process that completes their combustion, and the gases emitted are totally colourless and odourless. The composition of these gases is below the limits established by environmental regulations.

ADVANTAGES OF KALFRISA INCINERATORS

Our incinerators are built with a 6 mm-thick carbon steel casing.

Internally lined with two layers of heat-resistant material:

- The material in contact with the waste is silica-alumina refractory mass concrete. The special characteristics of this material afford it a high resistance to heat and thermal fatigue. 90 mm thick.
- Between the refractory concrete and the steel plate there is a layer of insulating mass concrete. 90 mm thick.
- Refractory flue in model KP-2000.

These refractory masses are fixed by stainless steel strips welded to the incinerator envelope.

Externally our incinerators are protected by heat-resistant, weathering-resistant epoxy paint.

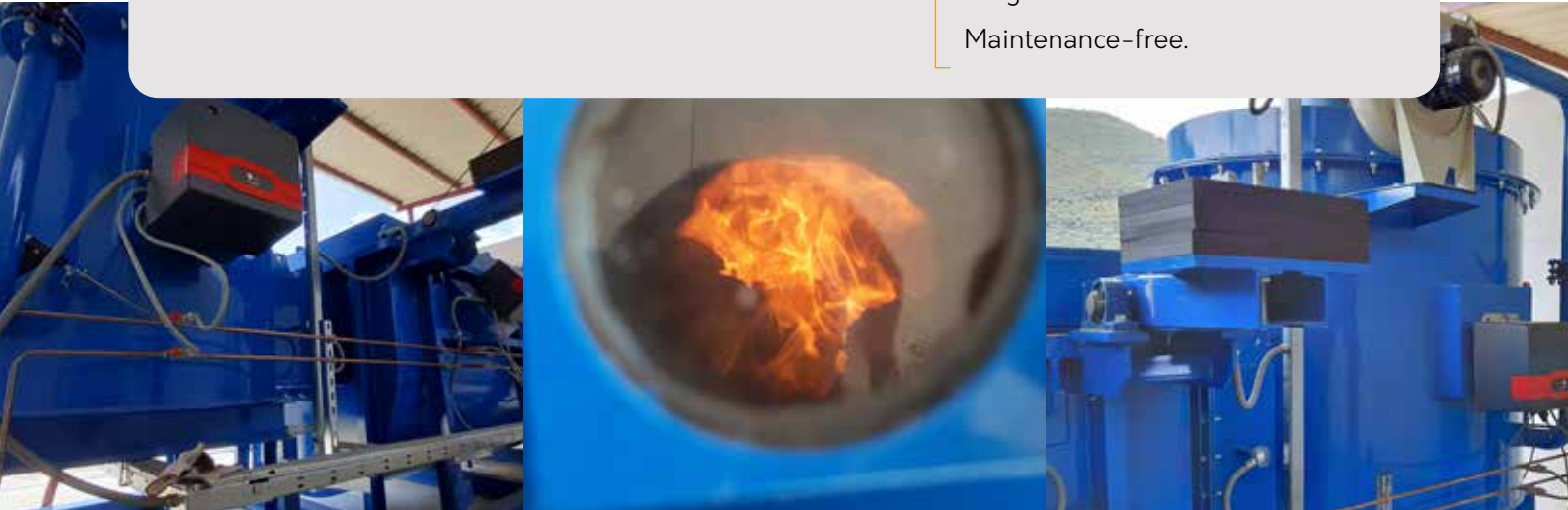


→ Kalfrisa uses mass concrete as the refractory material rather than refractory bricks as it is more compact and resistant to expansion/contraction due to temperature changes.

Mass concrete as the refractory material has the following characteristics:

CHARACTERISTICS

- Greater resistance to expansion.
- Greater resistance to intermittent operation.
- Quick initial heating.
- Easy to clean.
- Maintenance-free.



KALFRISA

360°

EXPERIENCE
KNOWLEDGE
IMPLICATION

The knowledge and expertise we have acquired over more than 50 years of experience working with waste recovery equipment means that we offer our customers reliable, cost-effective solutions.

Our equipment is approved, authorised and certified to EC standards. Furthermore, for its ongoing commitment to innovation Kalfrisa has received the INNOVATIVE SME award from the Spanish Ministry of Science and Innovation.

Providing a 360° service is the key to competing for European market leadership. KALFRISA has its own proprietary technologies, and it designs, develops, manufactures, commissions and provides technical after-sales service for its equipment. Experience, expertise, and involvement are the three pillars on which we base our activities.

Kalfrisa guarantees an optimal match of its equipment to customers' requirements, adapting its designs to meet the different technical specifications of each project. Kalfrisa's commitment to excellence is underpinned by ISO 9001:2015 quality certification as well as the implementation of a work philosophy based on external and internal quality standards.



GUARANTEE FOR A BETTER PERFORMANCE OF YOUR FACILITIES

■ TECHNICAL ASSISTANCE AND REPAIR

Maximum expertise and certified procedures. The professionals who have designed and manufactured your equipment are there to support you, with the guarantee of highly trained, qualified technicians.

Only original spare parts are used.

Swift remote response to any incidents.

Fault/malfunction reporting with rapid diagnosis and on-call telephone service 365 days.

■ PREVENTIVE MAINTENANCE CONTRACT

Scheduled en-route visit protocols throughout the whole territory, periodic inspections to ensure functional continuity, check-up visits and priority attention to reports of faults/malfunctions, allowing swift diagnosis.

■ WE ARE CONNECTED

Which means we have real-time information on the operation of your facilities which is crucial for preventive measures or for immediate intervention with the assessment and aid of our experts.

INDUSTRIAL ASSEMBLY AND INSTALLATION

Our engineering department analyses the requirements of each Project to tailor and dimension the correct solution exclusively for each individual customer.

We carry out the assembly, installation and other works required to ensure that the machinery is up and running in optimum conditions.

Our team can provide preventive maintenance of facilities and regular servicing to ensure maximum performance.



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