

Discover our:

CREMATORY OVEN FOR PETS

MOD. FD 4.0



Industrial elegance. Performance without compromises.



Maximum reliability with minimum complexity: intelligent control, immediate use, and easy maintenance.

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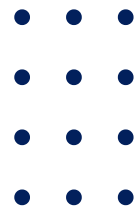


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FORTEC is an Italian company with **over 50 years of experience** in solutions for thermal waste treatment, cremation, and the controlled management of thermal processes. We design and **manufacture every key component in-house**, from steel structures and refractory linings to electrical panels and control systems, an advantage that ensures a **truly Made in Italy product**, full control over quality and lead times, and more effective customer support.

Each plant is developed to customer specifications, tested before delivery, and supported by dedicated sales teams for both the Italian and export markets. We also have a technical team that supports customers during **on-site commissioning worldwide**, along with a **remote assistance system** that bridges distances, enabling rapid interventions and expert support directly from our headquarters.



FD 4.0



PET
CREMATORY



Incinerator for:
**ANIMAL CARCASSES
AND ORGANIC WASTE**



TECHNOLOGY

The Crematoriums mod. FD 4.0 use the latest technological discoveries in order to make the cremation process easy to manage, effective and fully compliant with the most restrictive environmental requirements.



DESIGN

The cremation chamber allows an easy treatment of large animals and at the same time the cremation with separation of the ashes of up to 4 animals per cycle.



ENVIRONMENT

Each system is equipped with a post-combustion chamber in which fumes and odors are eliminated, making this technology eco-friendly.

Dedication to work, passion and great respect for pets, have always pushed For.Tec. to develop a cremation system specially designed to accompany the animal's body on its last journey in the most delicate and elegant way possible.

The particular attention to detail, the adopted high quality finishes and the automation of the process obtained through a software that was designed following decades of experience in the field, make our oven mod. FD 4.0 the top of the range among the crematory ovens for animals currently on the market.

Our crematory system mod. **FD 4.0** uses the latest technological advances in order to make the cremation process easy to manage, effective and fully compliant with the most restrictive environmental requirements both nationally and internationally.

The cremation chamber, with a volume of 0.8 cubic meters, allows easy treatment of large animals and at the same time cremation with separation of the ashes of up to 4 animals per cycle. The hot sole of the cremation chamber speeds up the cremation process, especially in the presence of frozen animals, and avoids the stagnation of liquids at the base of the oven, which are often difficult to treat.

Each FD 4.0 crematorium is equipped with a thermal afterburner built in full compliance with the most restrictive anti-pollution regulations.

The shared walls between the cremation chamber and the post-combustion chamber imply a constant heat exchange between them and the recovery of a large amount of heat that would otherwise be dissipated towards the outside of the oven; the result of this process is a considerable saving of fuel compared to traditional ovens.



The adoption of two-stage burners in the cremation chamber and in the post-combustion chamber make it possible to correctly manage the flame and temperatures both in the case of single cremation of small animals and in the case of multiple cremations, avoiding continuous and expensive shutdowns and re-ignitions of the burners.

Process management is simple and intuitive thanks to the high resolution Touch Screen Panel and the high degree of automation guaranteed by the Siemens PLC. The system can also be integrated with the company's management software, which allows you to keep track of each cremation at any time, receiving a notice via e-mail or a text message at the end of the cycle. The possibility of remote control of the system allows you to take advantage of a timely remote assistance service, allowing accurate diagnostics and thus limiting the need for costly downtime and maintenance on site.

For.Tec. is able to provide, together with the FD 4.0 crematorium, a whole series of optional equipments and accessories, which make the installation fully responsive to the needs of each customer, also allowing them to have everything they need to start their business:

- Wet SCRUBBER emission abatement system designed to intervene on powders and water-soluble acid compounds, in order to guarantee emissions fully compliant with the most restrictive standards, both
- Italian and European.C-Pet model automated carcass loading system,
- T-Pet model ash grinder
- Hot ash vacuum system
- Cold rooms for the preservation of carcasses

FD 4.0