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EN ISO 15614-1  
EN ISO 9606-1  
Lloyd's Register  
LRQA

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# PET CREMATORY

## MOD. FD 4.0

2018



Touch screen with  
Siemens PLC



Hot Sole  
Technology



Energy  
Saving



Remote  
Support



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## Our crematory mod. FD 4.0



Devotion to our work, along with the passion and great respect we have always had for pets, fostered us to **develop a specially designed cremation system to accompany pets remains on their last journey** in the most delicate and elegant way possible.

Our **Crematory FD 4.0** uses the **latest technological developments** in order to make the cremation process simple to manage, effective and fully compliant with the **most restrictive National and International environmental requirements**.

**Preset programs help the operator** to manage operating parameters as simply as possible.

**The cremation process is completely automated** thanks to the PLC managed by **For.Tec. software**.

**An intuitive synoptic allows** you to control the entire process and manage the cremation of pets with **extreme ease**.

**The system can be integrated with the Company's management software**; it is possible to track every cremation at any time by

**receiving completed cycle notice on email or SMS.**

The **possibility to make the system remote** allows you to take advantage of a timely **remote assistance** service, enabling **accurate diagnostics** and thus limiting the need for costly downtime and on-site maintenance.

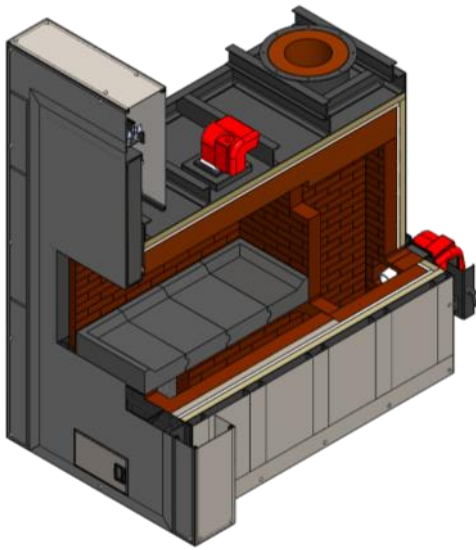
On each Crematory oven mod. FD 4.0, in addition to postcombustion chamber, a SCRUBBER type emission reduction system is installed as standard, to intervene on powders and water-soluble acids compounds, **in order to guarantee emissions that fully comply with Italian and European most restrictive standards.**

**Thanks to the accessories** that we are able to provide with the oven, such as automated carcasses loading system, ash shredding system, waste ashes aspirator, cold carcasses storage rooms etc., **opening a new business will be extremely easy.**



Our Pet Crematory ovens are built in full compliance with the Regulation CE No 1069/2009 of the European Parliament and with the Regulation UE 142/2011

# EXCELLENCE IN ITS SECTOR, SOLID AND RELIABLE



Great **attention to details**, high quality finishes and process automation, which is achieved thanks to a software designed following decades of experience in the field, they make our oven mod. FD 4.0 **the top of the range of pet crematory ovens**, which are currently on both the Italian and European market.

The cremation chamber, with a volume of 0.8 cubic meters, **allows an easy treatment of large animals** and at the same time the cremation with ashes separation 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.

**The walls in common between the cremation chamber and the postcombustion chamber** lead to a **constant** heat exchange between them and so, to the **recovery of a large amount of heat**, which otherwise would have to be dissipated outside of the oven; the result of this process is a considerable fuel saving compared to traditional ovens.

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

The **process management is simple and intuitive** thanks to the high resolution Touch Screen Panel and to the high degree of **automation guaranteed** by the **Siemens PLC**.

**The entire production process is certified ISO 9001:2015 and ISO 14001:2015**



Oven type	Pet Crematory
Model	FD 4.0
Cremation chamber volume	0,80 mc
Estimated burning capacity	45 kg/h (classified as a low-capacity installation)
Estimated loading capacity	150 kg/cycle
Fuel supply	Diesel/Natural gas/LPG
Max total capacity of installed burners	380 Kw (vers. Diesel) - 350 Kw (vers. Natural gas/LPG)
Scrubber	Optional
Reference legislation	Regulation EU 142/2011 and Regulation EU 1069/2009

## AUTOMATIC LOADING SYSTEM -



As results of complex and intensive research and development activities and thanks to decades of experience in pet cremation field, we are glad to present **the first automatic loading system for dogs, cats and other pets in Europe: FORTEC loader mod. PET.**

- **FLEXIBILITY:** PET loader can be supplied with our Crematory oven for animals mod. FIDO FD but it can also be combined with other crematory ovens, provided that they have a loading door with a diameter of more than 700 mm. The height-adjustable telescopic wheel supports make it easy **to be adapted to any system.**

● **EASE OF USE:** The loading kinematism is controlled by a **12 Volt** low maintenance device, which makes it easy and safe to be transported, by avoiding the dragging of long and troublesome electric cables. A digital display allows the constant view of the battery charge status; this battery, once it is low, will be charged by **a charger supplied by us .**

- **RESISTANCE:** The sturdy carbon steel structure and the **stainless steel cradle** allow the system to be used even when the oven is hot .
- **SAFETY:** An ignition key **prevents unauthorized personnel from using the loader .**
- **ADDED VALUE:** PET loading system actually is the most practical, sensitive and elegant way to accompany the animal corpse to the cremation process.

## Ashes shredder mod. PET

Our ashes **shredding system mod. PET** makes it possible to safely treat the ashes deriving from the cremation process before delivering them back to the customer.

- The **6 liters container** allows you to treat, in a single cycle, large quantities of ash, avoiding annoying intermediate steps.
- The body of the machine, which is built in stainless steel AISI 304 and the 4Cr13 steel forged blades make PET shredders a robust and reliable accessory.
- Thanks to the **speed regulator** it is possible to instantly modify the engine revolutions in a range between **980 and 2470 Rpm**, allowing in this way to obtain an excellent result in a short time.
- **Two safety sensors** inhibit the starting of the shredder in case of an incorrect tightening of the cover.

