

ENVIRONMENTAL SOLUTIONS

Incinerators • Crematories • Sterilizers



COMPANY PROFILE

For.Tec. Forniture Tecnologiche S.r.l. is an Italian company with **50 years of experience** in the design, manufacturing, sales, and installation of high-tech environmental plants. Our daily commitment, research activities, and testing are dedicated to developing **optimal solutions for all challenges related to waste management.**

Thanks to in-depth engineering studies and the collaboration of highly qualified technicians, we offer a complete range of incinerators suitable for almost every type of waste, as well as advanced cremation systems and innovative industrial furnaces.

The company operates within a 2500 m² indoor production facility and more than 5000 m² of outdoor space, and is organized into the following departments:

GENERAL MANAGEMENT

ADMINISTRATIVE DEPARTMENT

SALES DEPARTMENT: our specialized sales team in the incineration sector supports customers by providing technical advice and helping them select the most suitable incinerator model based on their needs. The department also manages after-sales service and remote assistance. It includes a highly efficient Export Office that oversees an extensive dealer network and manages exports of For.Tec. products to numerous countries worldwide.

ENGINEERING DEPARTMENT: a highly skilled team of engineers and architects carries out, with professionalism and precision, technical analysis of customer requirements, feasibility studies, customized designs, and testing activities. In collaboration with the Department of Civil and Mechanical Engineering of the University of Cassino and Southern Lazio, we continuously develop new technologies to improve waste treatment solutions.

PRODUCTION DEPARTMENT: skilled technicians manufacture and assemble our incinerators and equipment with great attention to detail, ensuring high safety standards, consistent quality, and optimized delivery times.



We strive to fulfill each customer's needs:

we give the chance to customize plants with many optional equipments, such as automatic loading and deashing systems, wet scrubbers, dry depuration systems, heat recovery systems for hot water/hot-cold air/steam production and pollution control systems.

Our products are all fully CE Certified, our quality is 100% **Made in Italy and our incinerators are manufactured in compliance with the most restrictive construction, health and safety and environmental regulations.**



Strengthening For.Tec.'s presence in the market for waste incinerators, human and pet cremation systems, and environmental technologies is a strategic objective towards which the Company continuously directs its efforts and resources.

In pursuit of this objective, For.Tec. S.r.l. considers quality a fundamental strategic asset, ensuring the supply of products and services that meet the highest standards of reliability, efficiency, and safety. This commitment reflects the Company's primary goal: achieving complete customer satisfaction.

The recognition of our commitment to quality and continuous product improvement is reflected in the achievement of **International Quality Certifications**:



ISO 9001:2015 - IMQ

ISO 14001:2015 - IMQ

ISO 45001:2015 - IMQ

EN ISO 15614-1 A (Lloyd's Register)

EN ISO 15614-1 B (Lloyd's Register)

EN ISO 9606-1 A (Lloyd's Register)

EN ISO 9606-1 G (Lloyd's Register)





TECHNOLOGY

For.Tec software for incineration process control and management, makes the working cycles completely automated and continuously optimized



DESIGN

Chambers are designed to have an excellent thermo-fluid dynamic yield, avoiding the formation of preferential lanes for the process gases and favoring turbulent motion



ENVIRONMENT

The emission abatement system installed in these plants represents the most advanced technology available for pollutant removal

From our extensive experience in the incineration sector, careful market analysis, and the continuous development activities of our Research and Development department, the ECOTEC range of incinerators has been created. It represents a perfect synthesis of the quality of For.Tec. products and the technological innovations of the sector.

ECOTEC incinerators are designed for the treatment of waste with medium to high calorific value (PCI). They are particularly suitable for the safe disposal of hazardous, hospital, medical, and laboratory waste, as well as industrial and municipal waste, and waste generated in shopping centers, airports, and other highly frequented areas.

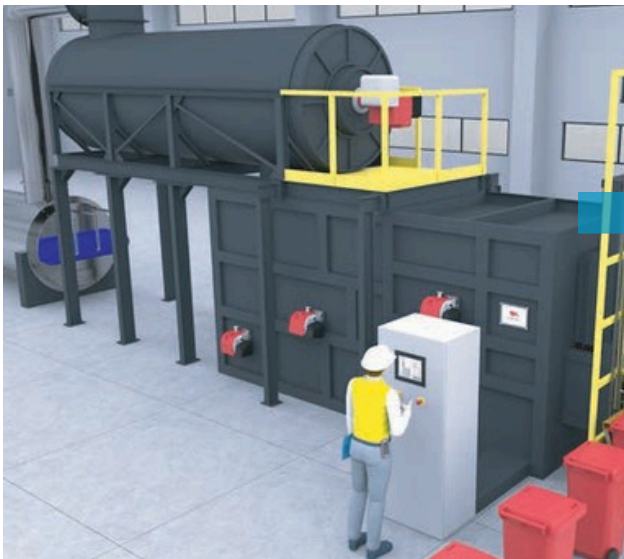
Beyond efficient and safe waste treatment, **ECOTEC** incinerators can be integrated with advanced technologies designed to optimize the entire waste-to-energy process. This approach transforms each system into a complete, flexible, and sustainable solution, tailored to the specific needs of each application.

The ECOTEC range represents the starting point for the development of complex, technologically advanced systems fully dedicated to GREEN TECHNOLOGY. In combination with these incinerators, it is possible to install:

- Complete “dry” flue gas treatment systems, which, together with the post-combustion chamber supplied as standard on each furnace, ensure that emissions generated by the incineration of any type of waste—even the most difficult to treat—fully comply with the most stringent environmental regulations in Europe and worldwide.
- Efficient energy recovery systems from combustion gases, which make it possible to produce domestic hot water, steam, or superheated diathermic oil to meet facility energy needs.
- Optional dedicated instrumentation and proprietary “MULTISTEP” technology, which enable automatic and continuous waste loading, incineration, and ash discharge, thereby reducing operating times and costs and allowing 24-hour continuous operation.

Each ECOTEC incinerator is equipped with a thermal afterburner designed and manufactured in full compliance with the most stringent environmental regulations, guaranteeing the following operating parameters:

- **Operating temperature: $>850^{\circ}\text{C}$ / $>1100^{\circ}\text{C}$**
depending on the category of treated waste
- **Gas residence time: >2 "**
- **Free oxygen content: $>6\%$**



The ECOTEC series includes incinerators of different sizes and capacities, up to a maximum of 1000 kg/h. These units are designed to be installed in multiple configurations, operating in parallel to meet higher waste disposal requirements. Thanks to advanced PLC systems, it is possible to maintain full control of the entire incineration process at any time, including remote monitoring and management of ECOTEC plants.

ECOTEC



CONTACT US >>

info@fortec-inceneritori.it 

[+39.0823.88.11.05](tel:+390823881105) 

www.fortec-inceneritori.it 

For.Tec. Forniture Tecnologiche Srl - Via Appia km 186.900
81050 Francolise (CE) ITALY p.iva 02913520611