



DISCOVER OUR NEW

# INDUSTRIAL BURN OFF OVENS

R A N G E

PAINT REMOVAL

METAL PARTS REGENERATION

CLEANING FROM PLASTICS  
AND OTHER MATERIALS

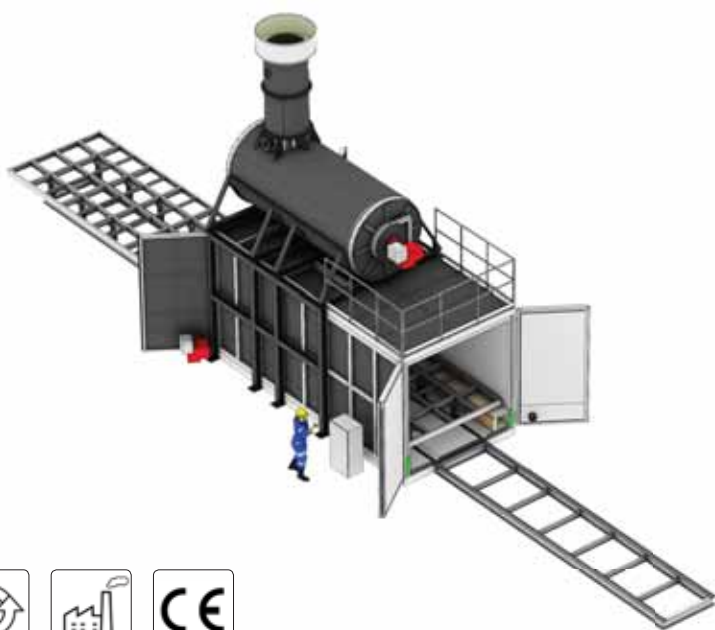


For.Tec. Forniture Tecnologiche S.r.l.  
Incinerators Manufacture  
Officine: Via Naz. Appia Km. 186.900 Francolise (CE)  
Tel. +39 0823.88.11.05 Fax. +39 0823.88.28.89  
Email: [info@fortec-inceneritori.it](mailto:info@fortec-inceneritori.it)









# TR series

## REGENERATION OF INDUSTRIAL COMPONENTS



### Description

-  I forni pirolitici mod. TR da noi progettati e costruiti sono forni di nuova concezione che usano come principio di funzionamento il noto processo pirolitico. Sono forni ideali per: sverniciatura; rigenerazione di prodotti metallici; rigenerazione motori elettrici mediante termo rimozione delle resine isolanti.
-  For.Tec. studied a heat process based on different stages that make it non-invasive and to protect products from deterioration. TR Pyrolytic ovens are suitable for: paint stripping; regeneration of metal products; removal of insulating resin from motors envelopments; motors regeneration with subsequent firing of resins.
-  Les fours de pyrolyse modèle TR, conçus et fabriqués par nous, sont des fours de nouvelle conception qui utilisent par principe de fonctionnement le bien connu processus de pyrolyse. Ils sont appropriés pour: décapage des résidus dus à la mauvaise peinture, régénération de produits métalliques, décapage des accessoires de la cabine de peinture, élimination de la résine isolante des moteur.
-  Die Pyrolyse-Öfen Modell TR, die von uns entworfen und hergestellt wurden, sind neuentwickelte Öfen die als Arbeitprinzip den bekannten Pyrolytischen Prozess verwenden. Geeignet für: Entfernung der Farbresten wegen der falschen Malerei, Regeneration von Metallprodukte, Farbentfernung von Werkzeuge, Entfernung von isolierenden Harz durch Wickelmotoren .
-  Los hornos pirolíticos mod. TR, diseñados y construidos por nosotros, son hornos recientemente desarrollados que usan como principio operativo el conocido proceso pirolítico. Son hornos ideales para: despojo de la pintura con tratamiento termico, regeneración de los productos de metal, despojo de pintura de accesorios de la cabina de pintura, regeneracion de motores electricos a traves de la eliminación térmica de resinas aislantes.
-  Os forno pirolíticos mod. TR construidos por nós são fornos de nova concepção que utilizam o bem conhecido processo pirolítico como princípio de funciona-mento. São fornos ideais para: remoção de verniz, regeneração de produtos metálicos, remoção de verniz dos acessórios de cabinas de pintura, regeneração de motores elétricos mediante remoção térmica das resinas isolantes.



## Technical Specs

Modello/ Model/ Modèle/ Modell/ Modelo/ Modelo	TR	2.000 OR	5.000 OR	12.000 OR	20.000 OR	2.000 VR	5.000 VR	8.000 VR	12.000 VR
Volume camera primaria/ Primary chamber volume/ Volume de la chamber primaire/ Primärkammer Innenvolumen/ Volume de la camara primaria / Volume da câmara principal	m³	2,0	5,3	12,1	20,7	2,1	5,5	7,6	12,0
Dimensioni interne AxLxL / Internal dimensions HxWxL/ Dimensions intérieures HxLxL/ Innenmaße HxBxL/ Dimensiones internas AxAxL/ Dimensões internas AxLxL	mm	1000 2000 1000	1400 2400 1600	1600 3600 2100	2000 4500 2300	1200 1200 1400	1300 2000 2100	1500 2200 2300	2000 2400 2500
Capacità di carico/ Loading capacity/ Capacité de charge/ Tragfähigkeit/ Capacidad de carga/ Capacidade de carga	Kg/ cycle	320	550	700	850	320	550	650	700

## From concept to result



## Applications Examples

METAL FILTERS



Before



After

PAINTING HOOKS



ELECTRIC MOTORS



GREASED PARTS



METAL PLATES

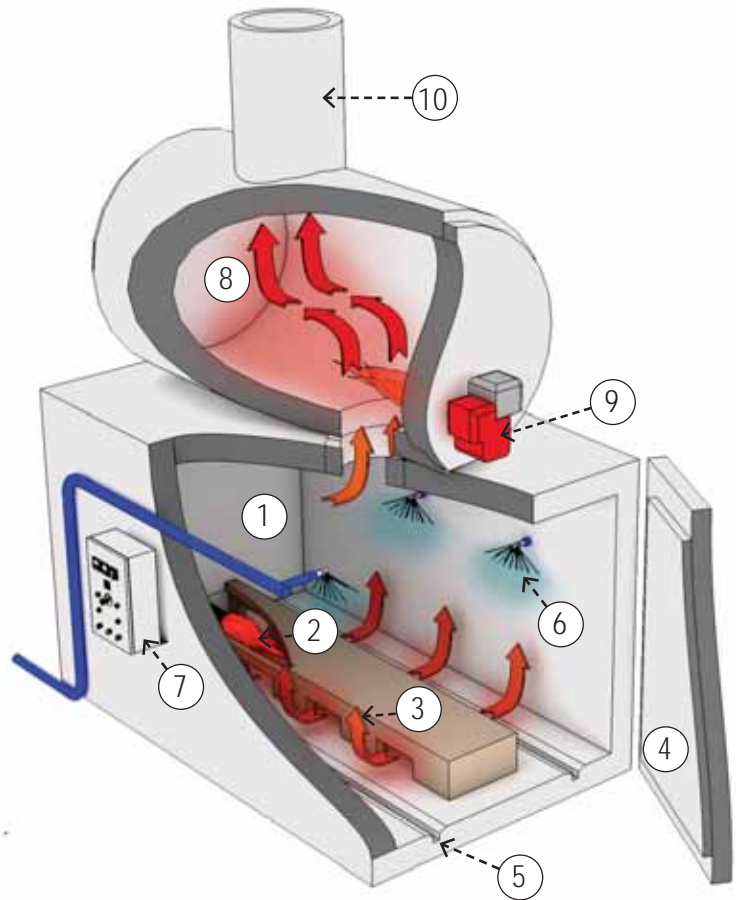


## Inside our Oven

---

### System parts

- ① TREATMENT CHAMBER
- ② BURNER'S FLAME
- ③ REFRACTORY TUNNEL
- ④ DOOR
- ⑤ LOADING CART BINARY
- ⑥ H<sub>2</sub>O THERMOREGULATION SYSTEM
- ⑦ CONTROL PANEL
- ⑧ POSTCOMBUSTION CHAMBER
- ⑨ POSTCOMBUSTION BURNER
- ⑩ CHIMNEY



### Process description

For.Tec. studied a new process, based on different stages, which uses the pyrolysis to remove paint, grease and other coatings from metal parts. The strengths of this new For.Tec. Technology are manifold:

- The use of heat under controlled conditions allows the complete decomposition of the coatings to be deleted without damaging or modify the characteristics of the treated metal parts and, at same time, assuring the best quality results;
  - The optimization of the process by microprocessor control and the installation of a post-combustion chamber where fumes and odors are eliminated make this technology an environmental-friendly method;
  - The injection during the cycle of nebulized liquid avoids the beginning of auto combustion episodes and allows the dross detachment, making the pyrolytic process the most safe and efficient;
  - Thanks to the heat it is possible to deep clean metal parts even from hard to remove coatings and this therefore makes the treatment in pyrolytic oven more effective and quicker than the treatment in sand blasters or shot blasters; moreover the thermal stripping process is much cheaper than chemical stripping and other similar process.
- 



For.Tec. Forniture Tecnologiche S.r.l.  
Incinerators Manufacture  
Officine: Via Naz. Appia Km. 186.900 Francolise (CE)  
Tel. +39 0823.88.11.05 Fax. +39 0823.88.28.89  
Email: [info@fortec-inceneritori.it](mailto:info@fortec-inceneritori.it)