

# TECNOVAP

L'ARTE DEL VAPORE

english

Discover the power of steam

# Applications



# Respect and protect the environment by choosing dry saturated steam



## Eco-friendly

Dry saturated steam cleaning is an environmentally friendly and 100% natural method as it requires only water.



## Ideal for uneven surfaces

Thanks to the use of accessories that are designed for specific applications, steam can clean even those interstices that traditional cleaning methods cannot reach, guaranteeing complete and safe cleaning of surfaces.



## No contamination

Low pressure steam allows surfaces to be cleaned without contamination of the surroundings.



## Thermal shock and deep cleaning

Microorganisms present on surfaces cannot develop any immunity to the high temperatures reached by steam. The steam temperature varies from 145°C to 180°C and helps to eliminate bad odours, fungi, mites, germs, and harmful bacteria.



## Immediate use

Our steam generators are electric, easy to use and do not require any type of license or qualification.



## Cost savings

Steam can be used during the production cycle, avoiding downtime of machinery and production lines. Furthermore, the usage of water and chemicals is drastically reduced.



# +50

## Steam cleaners

Tecnovap offers over 50 models of steam generators for all applications in the domestic, professional and industrial sectors.



# +100

## Dedicated tools

The designing, molding and assembling phases of tools are carried out internally.



# +12

## Application sectors

Tecnovap steam can be used in many areas, from the Food & Beverage sector to the domestic sphere, thus offering unlimited cleaning possibilities.



# Food & beverage

Steam cleaning is an effective, eco-friendly, and versatile solution to ensure a clean and safe work environment. By using steam, companies can maintain high standards of hygiene and food safety.

## The advantages of steam:

- effective cleaning method to remove dirt, grease and other residues from both equipment and surfaces;
- penetrates crevices and corners that traditional cleaning cannot reach;
- treated surfaces dry quickly, allowing for their rapid reuse;
- it reduces the use of detergents;
- it helps maintaining the integrity of equipment, extending its life and reducing maintenance costs.



DAIRIES



BAKERIES



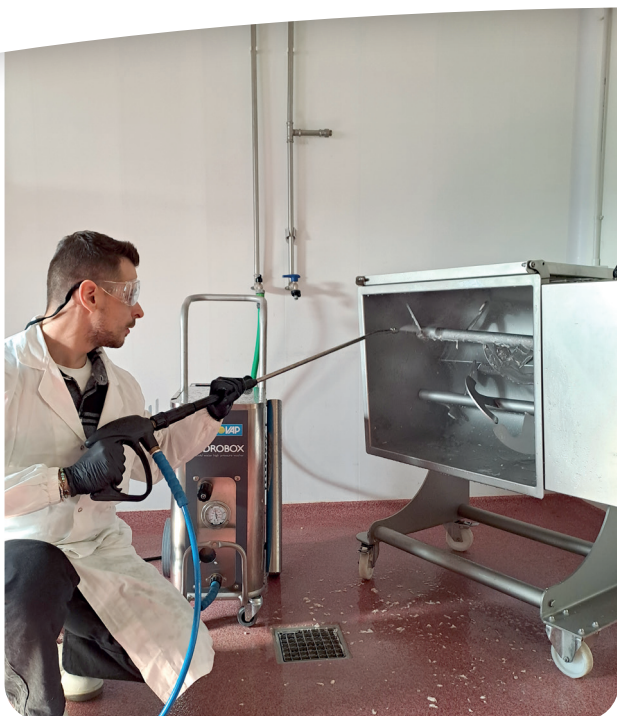
BEVERAGE



FOOD LABORATORIES



...AND MUCH MORE!







# Belt cleaning heads

The Tecnovap belt cleaning head is an eco-friendly and innovative product, designed to clean various types of conveyor belts in a safe, efficient and fast way.

## The advantages:

- customized design for each customer;
- steam does not damage the surface of the belt and programmed cleaning cycles help to extend the life of the belt;
- the system ensures automatic cleaning and drying of the belt, unlike traditional manual cleaning methods;
- positioning the belt cleaner underneath the conveyor structure allows cleaning without stopping the production cycle;
- cost reduction for the customer, including a significant reduction in water consumption and savings on detergents, thus avoiding production downtime.



FLAT BELTS



MESH BELTS

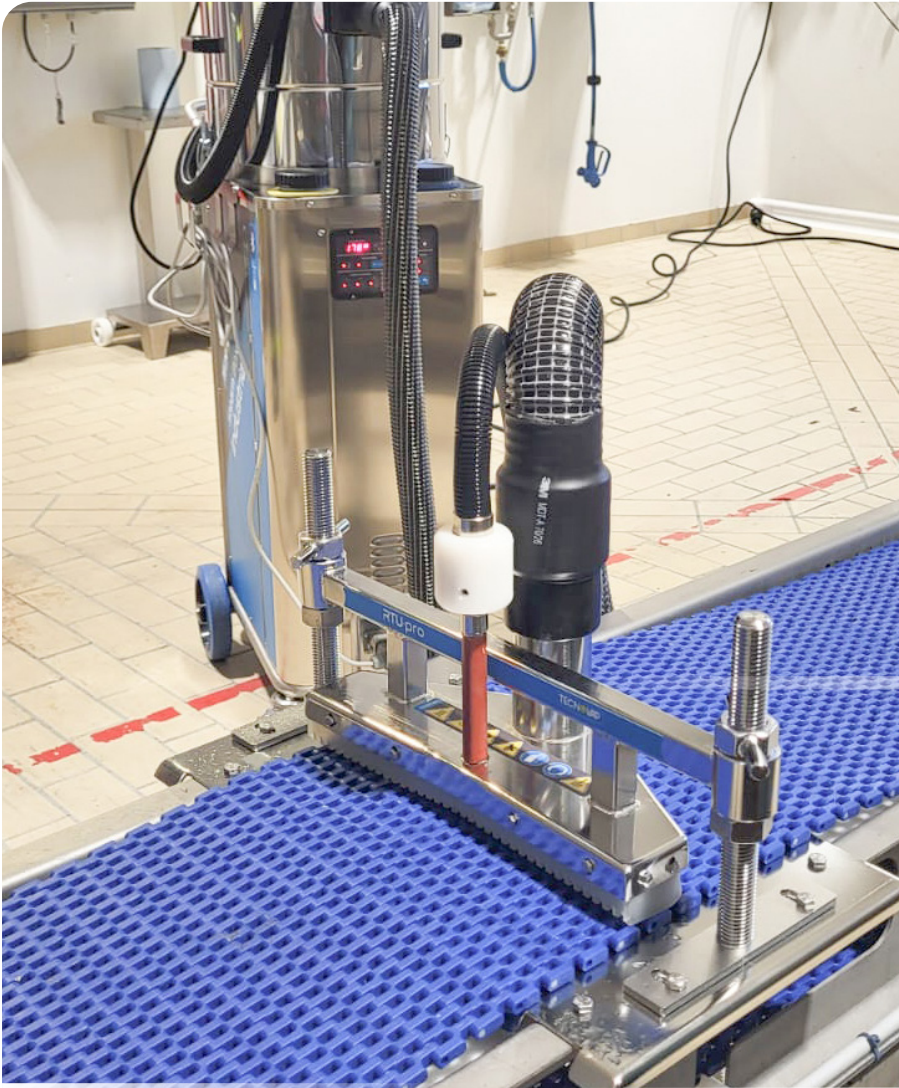


CLEANING OF STRUCTURES



MECHANICAL PARTS





# Industries

Steam is an effective and sustainable solution for maintaining high standards of hygiene and operational efficiency in industrial plants.

By choosing steam cleaning, companies can tackle the daily challenges of maintenance quickly and effortlessly.

## The benefits of steam cleaning:

- it can easily dissolve and remove oils, grease and machining residues and it guarantees a deep cleaning of surfaces and mechanical components;
- it reduces the need for harsh chemicals, minimising the risk of contamination and improving environmental sustainability;
- it is suitable for cleaning machinery, equipment and work areas and it can also be used on a wide range of materials and surfaces, including metals, plastics and rubber;
- steam-treated surfaces dry quickly, reducing downtime and allowing immediate resumption of operations.



MECHANICAL  
INDUSTRY



AUTOMOTIVE



STEEL  
INDUSTRY

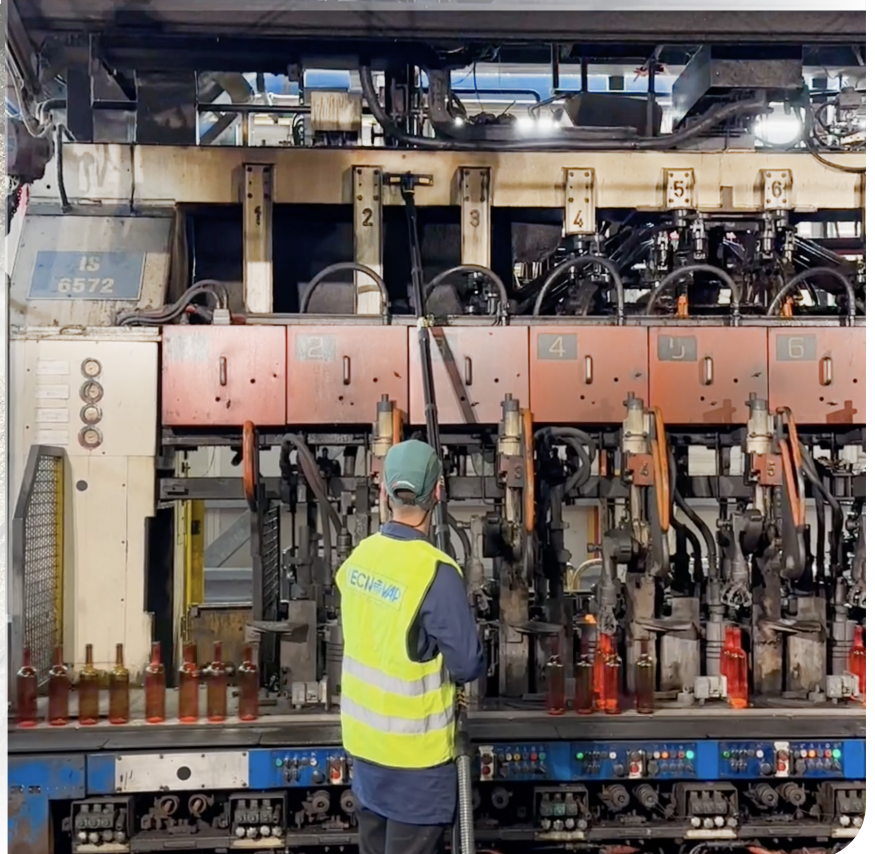


PACKAGING  
INDUSTRY



...AND MUCH  
MORE!





# Transport industry

Steam is an effective, eco-friendly and versatile solution that ensures a clean and safe environment for passengers and staff.

## The advantages of steam:

- it eliminates bacteria, viruses and fungi, ensuring deep hygiene without the use of harsh chemicals;
- it penetrates deep into surfaces, facilitating the removal of dirt, grease and stubborn stains, making the cleaning process faster and more effective;
- surfaces dry quickly, reducing downtime in the treated areas and ensuring optimal levels of cleanliness in environments with constant traffic;
- it can be used on various interior areas of vehicles such as seats, floors, windows and dashboards and on a wide range of materials, including fabrics, plastics and metals.



TRAINS



AIRCRAFTS



SHIPS

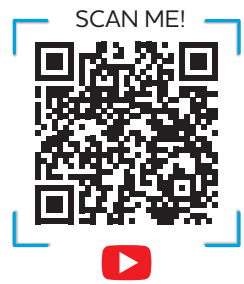


BUSES



...AND MUCH MORE!





# Healthcare

Hygiene is the essential element in the healthcare sector. Traditional cleaning systems require continuous use of specific chemicals which, however, cannot guarantee a complete disinfection.

Tecnovap offers an ecological, economical and immediate solution to this need. The use of high temperature steam allows the elimination of microorganisms such as bacteria and viruses

### The advantages of steam cleaning:

- deep cleaning of all types of surfaces;
- cleaning of upholstered furniture such as mattresses, blankets, pillows, armchairs etc.;
- saving on the use of chemicals and detergents;
- deep cleaning of ambulances and related equipment (stretchers, wheelchairs etc.).



HOSPITAL FACILITIES



PHARMACEUTICAL LABORATORIES



MEDICAL SURGERIES



FIRST AID VEHICLES



PHARMACEUTICAL INDUSTRY







# Ho.Re.Ca.

Steam cleaning improves hygiene standards by significantly reducing water and detergent costs in the cleaning of rooms, lobbies, swimming pools and other common areas.

### The advantages of steam cleaning:

- it eliminates bacteria, viruses and fungi, ensuring deep hygiene without the use of harsh chemicals;
- it penetrates deep into surfaces, facilitating the removal of dirt, grease and stubborn stains, making the cleaning process faster and more effective;
- after steaming, surfaces dry quickly, reducing downtime in the treated areas and ensuring optimal levels of cleanliness in environments with constant traffic;
- deep cleaning of gym equipment, showers, and changing rooms.



COMMERCIAL KITCHENS



HOTEL B&B



BARS



FITNESS CLUBS

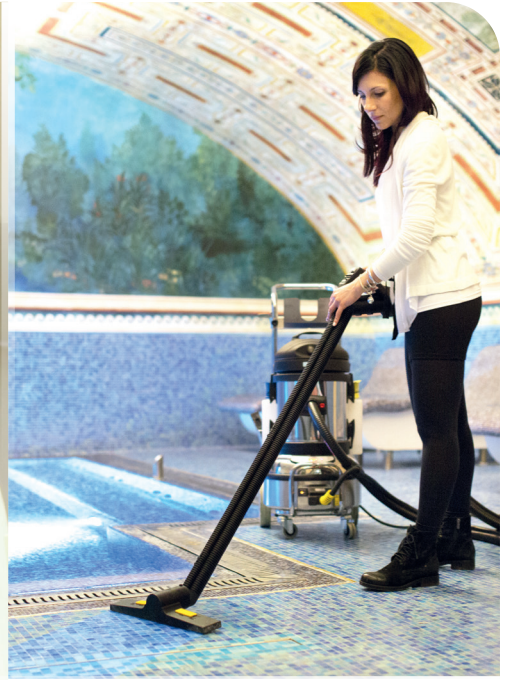


RESTAURANTS



...AND MUCH MORE!







# Car Wash

Dry saturated steam is considered the best cleaning tool for cars. It is completely natural, eco-friendly and effective from the very first use.

## The advantages of steam cleaning:

- it drastically reduces water usage;
- it penetrates the pores of the paintwork to remove even the most stubborn dirt, restoring the bodywork to its original shine;
- there is no risk of scratching or damaging surfaces;
- it eliminates unpleasant odors, fungi, mites and bacteria;
- it significantly reduces the amount of detergent required;
- it removes stains from seats and upholstery;
- thorough cleaning of corners, crevices and hard-to-reach areas.



CARS



MOTOR VEHICLES



MOTORCYCLES



TRUCKS



...AND MUCH MORE!





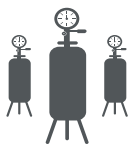


# Enological sector

High-temperature, dry, saturated steam is the best way to preserve wine quality and ensure a perfectly clean environment.

## The advantages of steam cleaning:

- drastic reduction in water usage leads to a consequent reduction in wastewater;
- no chemicals such as hydrogen peroxide or citric acid need to be used;
- elimination of Brettanomyces present in the wood fibers;
- no damage or swelling of the barrel walls;
- removal of tartaric residues, yeasts, colorants, and impurities;
- steam is distributed uniformly throughout the bottling plant;
- external cleaning of taps, flanges, manhole covers, pipes and machineries.



MICROFILTRATION  
SYSTEMS



BOTTLING  
LINES



STEEL TANK

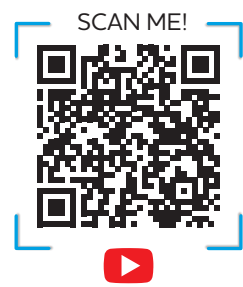


BARRELS  
TONNEAUX



CLEANING OF  
MACHINERIES





# Household

Steam respects the environment and protects our health, making homes healthier and free of chemical residues.

Every corner of the house will be clean, thanks to Tecnovap steam.

### The advantages of steam cleaning:

- it eliminates bacteria, viruses and fungi, ensuring deep hygiene without the use of harsh chemicals;
- it penetrates deep into surfaces and facilitates the removal of dirt, grease and stubborn stains, thereby speeding up and improving the effectiveness of the cleaning process;
- after using steam, surfaces dry quickly, reducing downtime in the treated areas and ensuring optimal levels of cleanliness;
- it eliminates unpleasant odors and stubborn stains, ensuring maximum hygiene in the rooms.



KITCHENS



LIVING AREAS



BATHROOMS



BEDROOMS



IRONING



...AND MUCH MORE!







# Ecological weeding

Using dry, saturated steam at high temperature to eliminate weeds is a completely natural and environmentally friendly method, as it does not involve the use of glyphosates or other pesticide.

## The advantages of steam cleaning:

- reduced water consumption (about 50 l/h);
- no chemicals are required as only water is used;
- it slows weed regrowth;
- no side effects for the operator;
- no vibrations (unlike a brush cutter);
- it helps reducing groundwater pollution.



STREETS



CAR PARKS



PAVEMENTS



PUBLIC AREAS

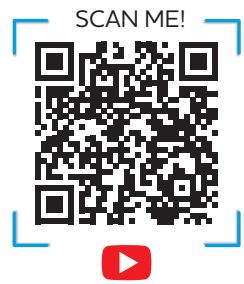


SURFACES



MONUMENTS





# ...and other endless possibilities!

Wherever a cleaning need arises, steam is the quickest and most ecological solution. Start protecting the planet: stop the intensive use of chemicals.

## Steam can be used for cleaning of:

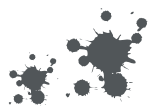
- cinemas and theatres, from the seats up to the walls;
- glass windows of padel courts;
- all surfaces of indoor and outdoor sports centers;
- monuments and statues;
- fabrics and floors by removing even chewing gum residues.



CINEMAS



FITNESS CENTERS



CHEWING-GUM REMOVAL



MONUMENTS



...AND MUCH MORE!









Join us to  
learn more about  
the world of  
Tecnovap steam!

# Need more information? Don't hesitate to contact us!

 +39 045 67 67 252

 [sales@tecnovap.com](mailto:sales@tecnovap.com) - [info@tecnovap.com](mailto:info@tecnovap.com)

 [www.tecnovap.it](http://www.tecnovap.it)

## Follow us



L'ARTE DEL VAPORE

Tecnovap S.r.l.  
Via dei Sassi 1/a, 37026 Pescantina, Verona - Italy