



L'ARTE DEL VAPORE

An Italian brand with 38 years of experience



STEAM CLEANING SYSTEMS FOR CONVEYOR BELTS

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The power of dry saturated steam!

The steam belt-cleaner is an eco-friendly and innovative product, designed to clean and sanitize any kind of conveyor belt in a safe, efficient and fast way



FEATURES



Customized design for each client

AISI
304

Structure made in stainless steel



Safe for the conveyor belt,
no risk of surface damage



Squeegees of different types,
suitable also for food industry



Cleaning and drying of the
conveyor belt in automatic mode
without manual intervention



Usage possible even during
the production cycle



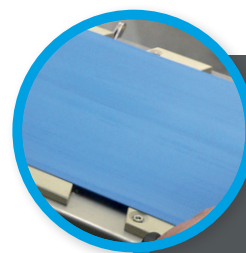
Reduction of water consumption, saving
of chemical products and less downtime
of machines and production lines



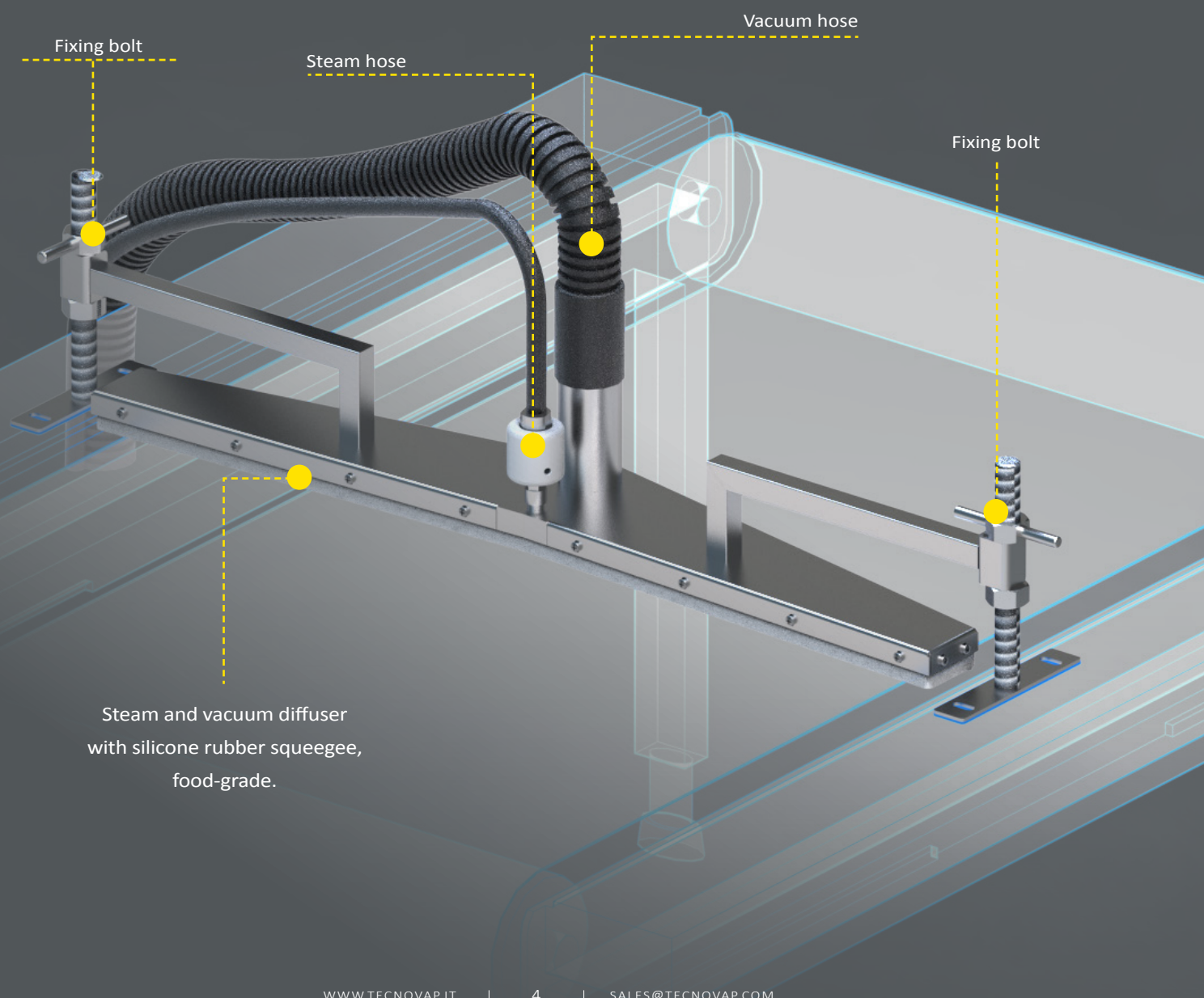
Basic belt cleaning head* for flat belts

- AISI 304 stainless-steel structure
- Manual fixing system with bolts
- Two possible installations on the lower or upper part of the belt
- Customizable dimensions up to 1500mm

**The belt cleaning tool is usable only with Tecnovap steam generators - page 5*



Scan & check out
the video



Electrical control box

The belt cleaning tool is provided with an electrical control box for managing all functions of the steam generator:

- Steam flow MINIMUM – MEDIUM – MAXIMUM
- Detergent injection
- Vacuum activation
- Emergency stop button



Belt cleaning head positioning

UPPER POSITION



LOWER POSITION

With this installation it is possible to clean the belt during the production cycle, therefore optimizing costs and cleaning times.



Recommended steam generators:



Three-phase steam generators with power output from 8,4 kW to 39 kW equipped with stainless steel drums with capacity from 14 l to 45 l.

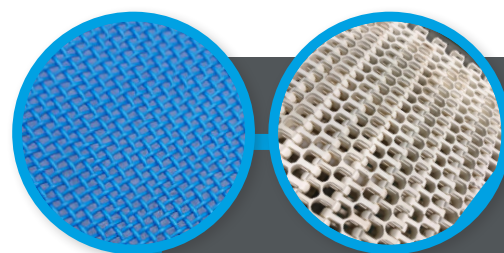
Besides the conveyor belt cleaning, the same steam generators can also be used for many other industrial cleaning applications.

Automatic belt cleaning head with linear actuator*

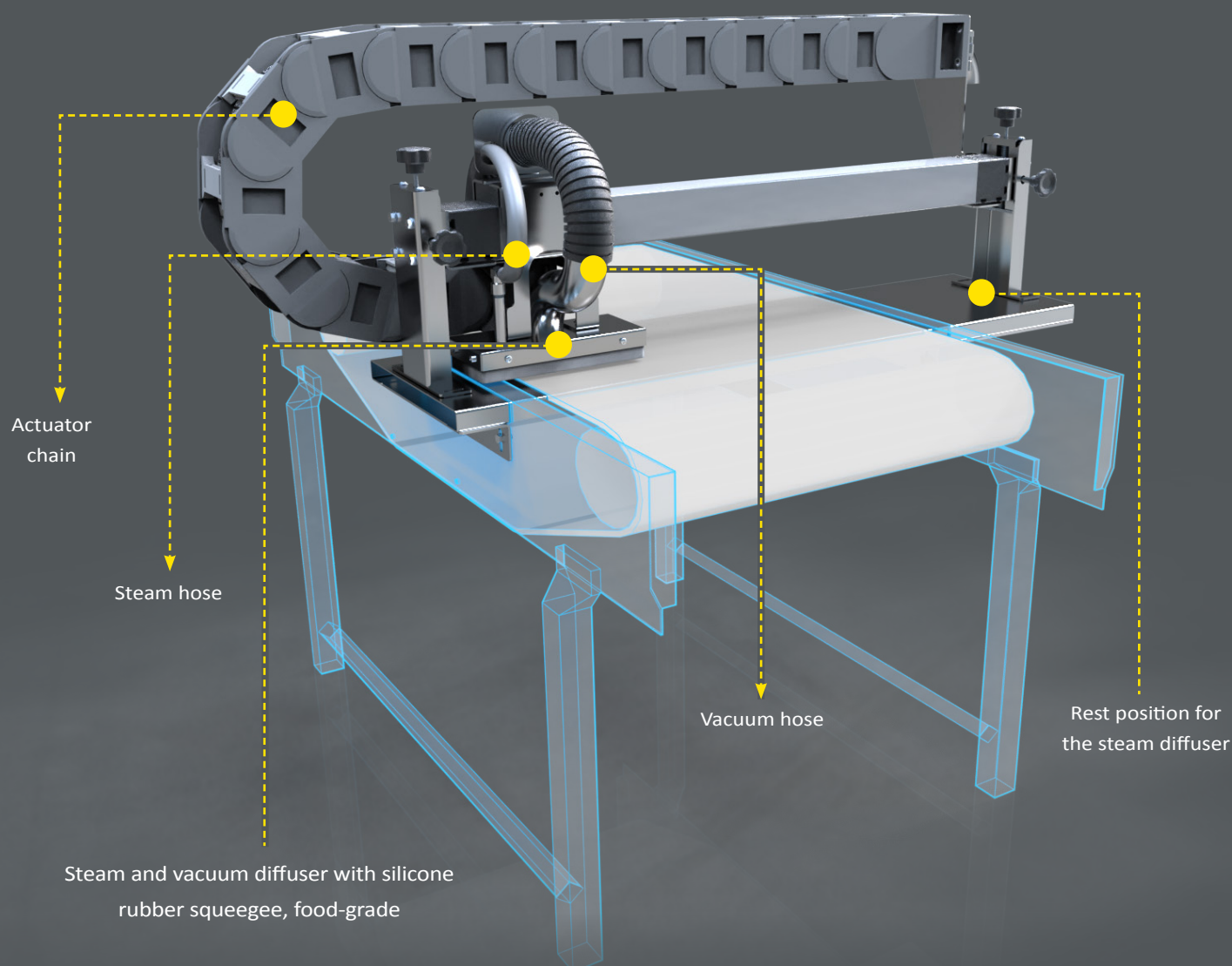
for mesh belts

- AISI 304 stainless-steel structure
- Working position registration and automatic steam diffuser movement
- Two possible installations on the lower or upper part of the belt
- Customizable dimensions up to 2000mm

**The belt cleaning tool is usable only with Tecnovap steam generators - page 9*



Scan & check out
the video



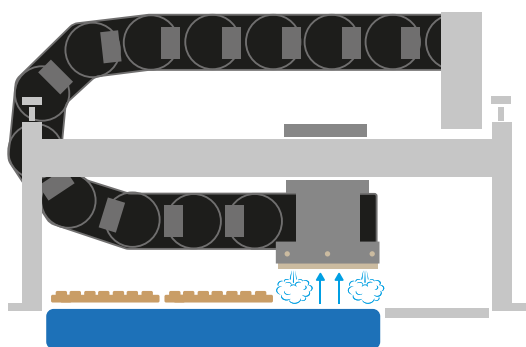
Operating diagram

This type of belt cleaning tool offers the possibility to decide the position of the diffuser and to personalize the duration of the cleaning phase.

Below a diagram showing how the belt cleaning head works

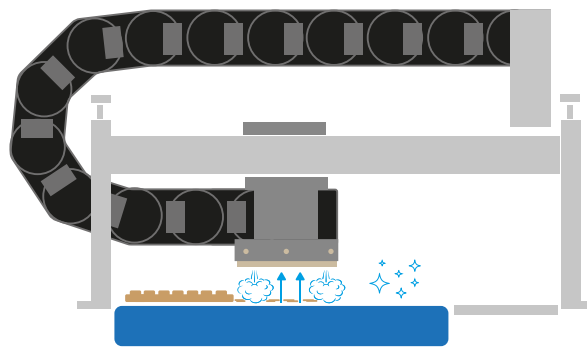
1st position

Initial position of the cleaning tool.



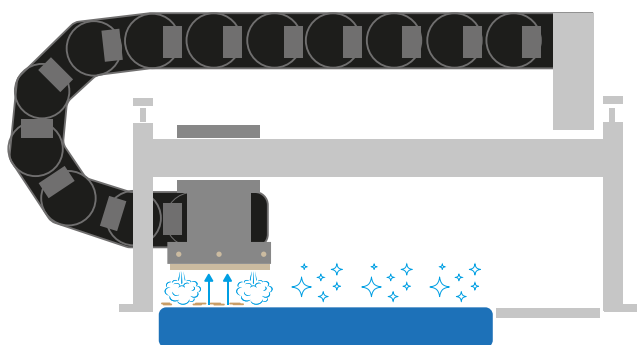
2nd position

Automatic movement to the next position, when one full rotation of the belt has been completed.



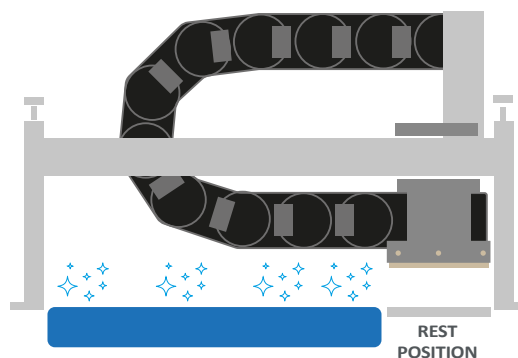
3rd position

Movements continue until the total width of the belt has been reached.



4th position

When the cleaning cycle of the tool is complete, the diffuser will automatically go back to the rest position.

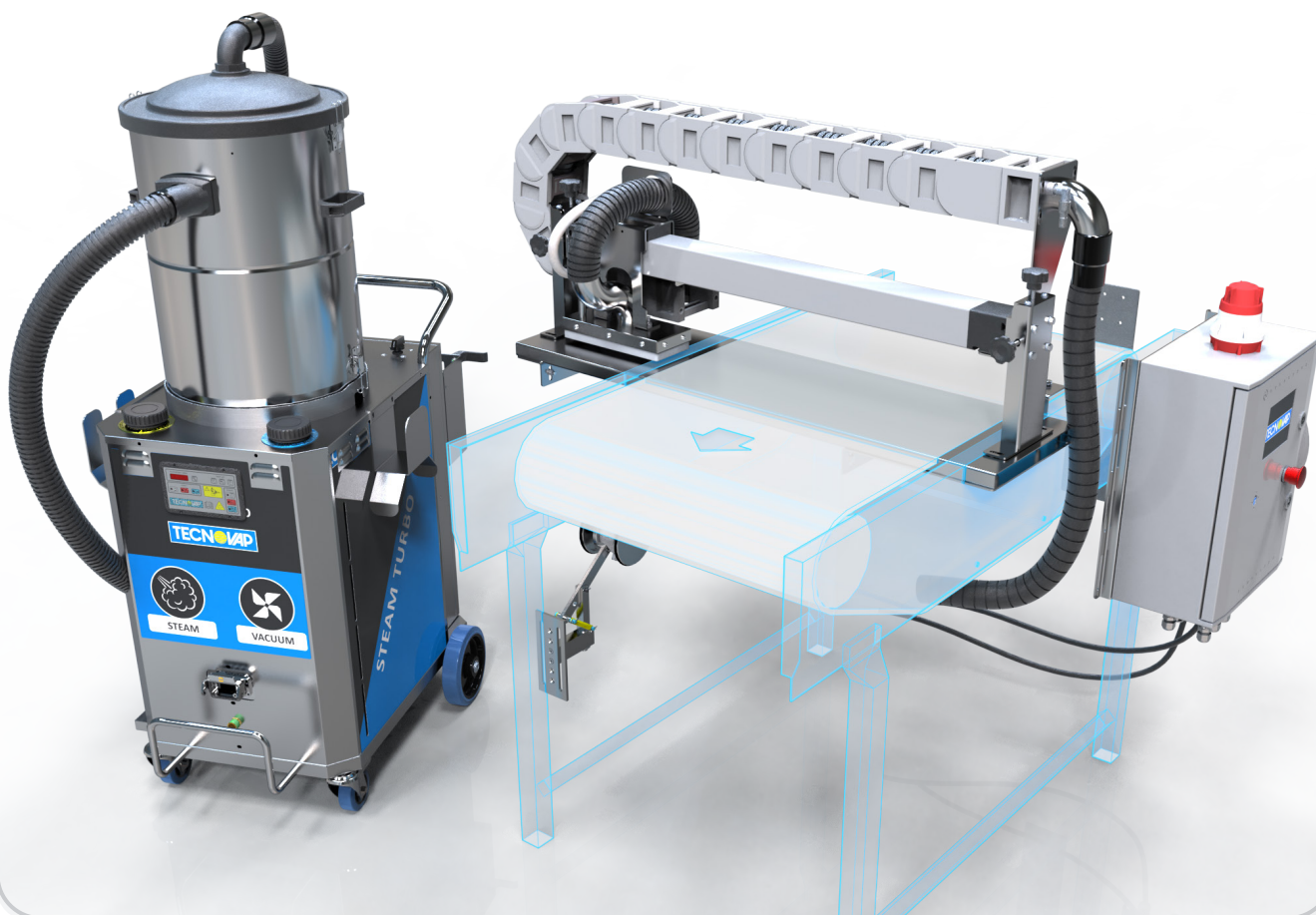


Automatic belt cleaning head with linear actuator

Belt cleaning head positioning

UPPER POSITION

With this installation it is necessary to stop the production cycle to successfully carry out the cleaning of the belt.



Electrical control box

The belt cleaning tool is provided with an electrical control box with touchscreen panel for managing all functions of the steam generator and belt cleaning head:

- Steam flow MINIMUM – MEDIUM – MAXIMUM
- Detergent injection
- Vacuum activation
- Emergency stop button
- Working position registration of belt cleaning head

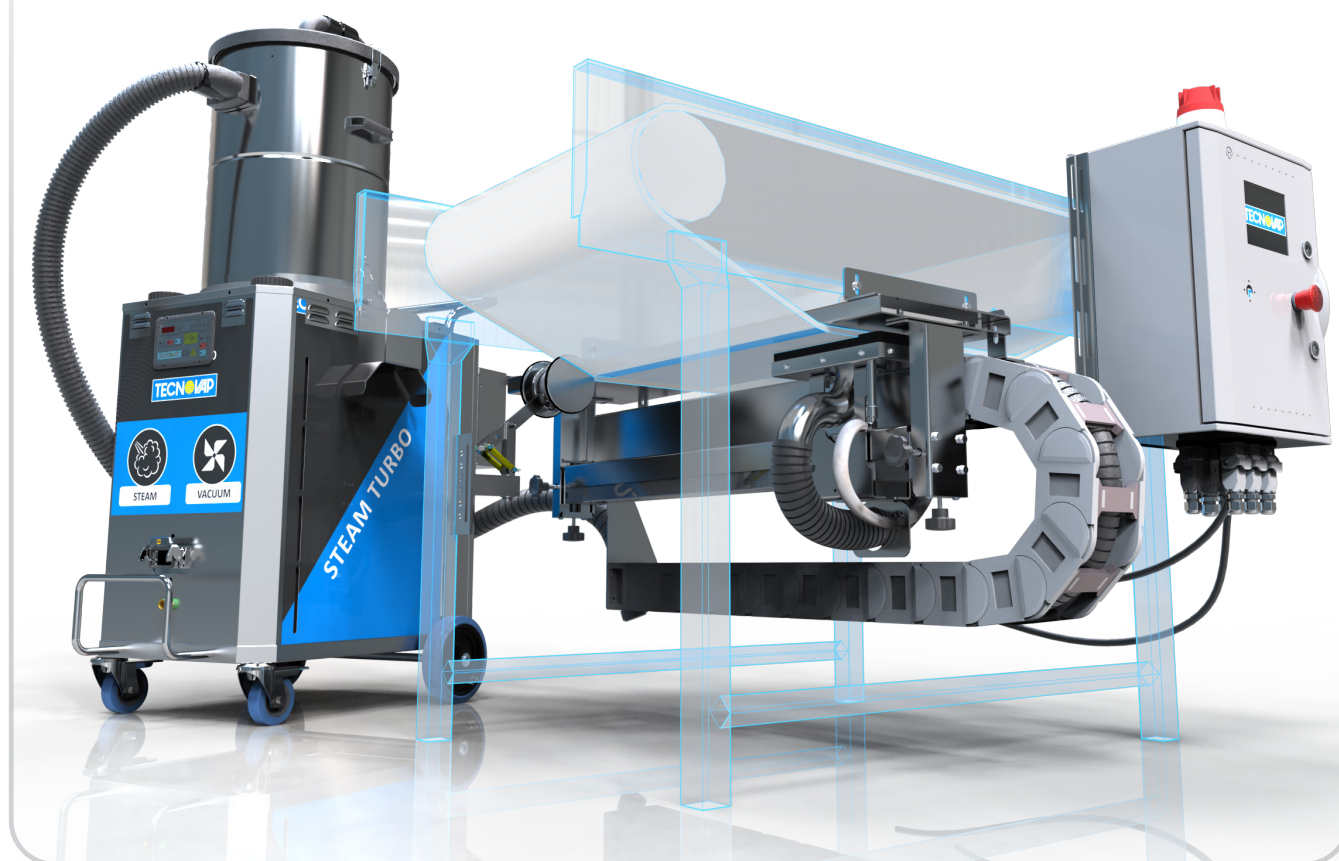


Automatic belt cleaning head with linear actuator

Belt cleaning head positioning

LOWER POSITION

With this installation it is possible to clean the belt during the production cycle, therefore optimizing costs and cleaning times.



Recommended steam generators:

STEAM BOX VAC INDUSTRIAL



STEAM BOX VAC PRO



STEAM TURBO



STEAM PLANT



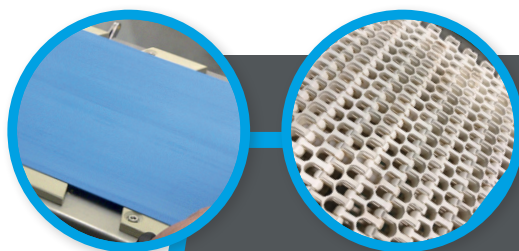
Three-phase steam generators with power output from 8,4 kW to 39 kW equipped with stainless steel drums with capacity from 14 l to 45 l.

Besides the conveyor belt cleaning, the same steam generators can also be used for many other industrial cleaning applications.

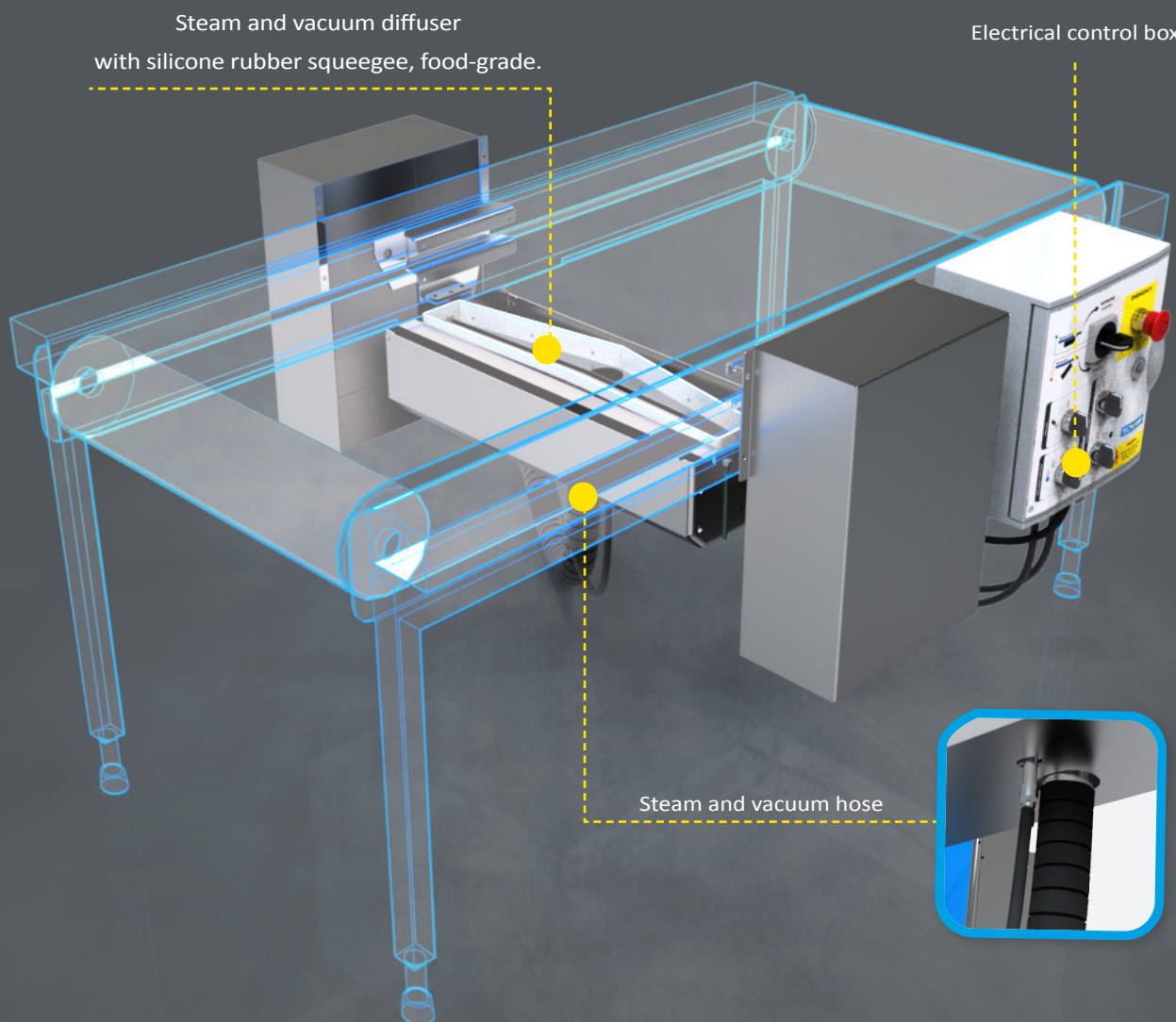
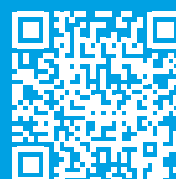
Semi-automatic belt cleaning head* for flat and mesh belts

- AISI 304 stainless-steel structure
- Semi-automatic opening and closing of the cleaning head through the control box
- Two possible installations on the lower or upper part of the belt
- Customizable dimensions up to 2000mm

**The belt cleaning tool is usable only with Tecnovap steam generators - page 11*



Scan & check out
the video



Electrical control box

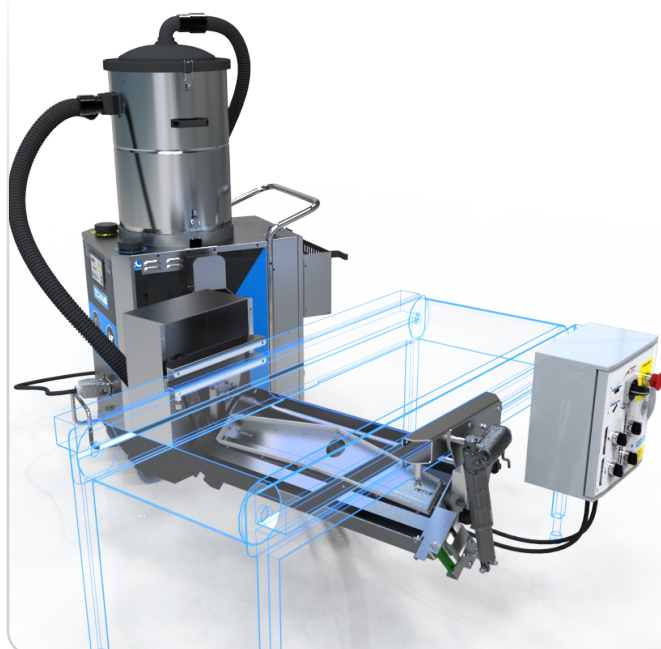
The belt cleaning tool is provided with an electrical control box for managing all functions of the steam generator and the belt cleaning head:

- Steam flow MINIMUM – MEDIUM – MAXIMUM
- Detergent injection and overheated water injection
- Vacuum activation
- Emergency stop button
- Opening and closing of the belt cleaning head

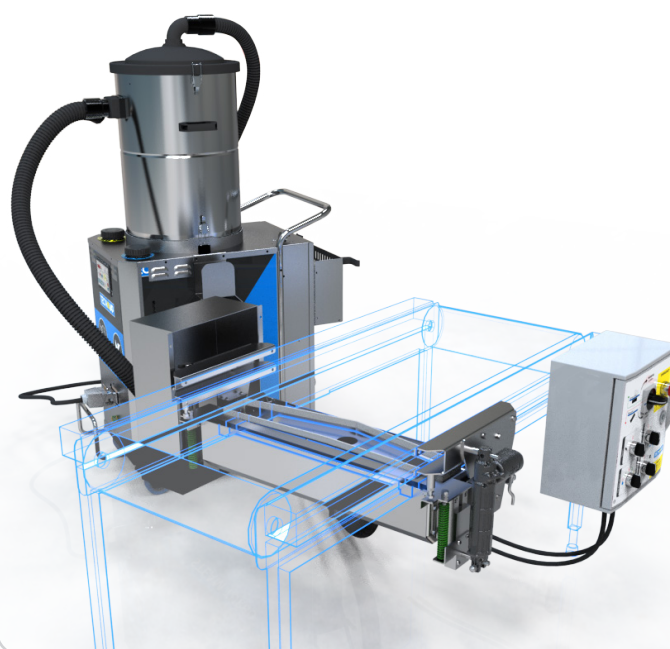


Belt cleaning head positioning

REST POSITION



WORKING POSITION



Recommended steam generators:

STEAM BOX VAC INDUSTRIAL



STEAM BOX VAC PRO



STEAM TURBO



STEAM PLANT



Three-phase steam generators with power output from 8,4 kW to 39 kW equipped with stainless steel drums with capacity from 14 l to 45 l. Besides the conveyor belt cleaning, the same steam generators can also be used for many other industrial cleaning applications.

Mesh conveyor belts - accessories for periodic cleaning with operator



Geyser 1 hose - Steam & vacuum



Geyser lances

- 100mm
- 400mm
- 800mm
- 1200mm



Radames 10 bar hose - Steam & vacuum



Radames adapter for surface cleaner

Surface cleaners



Ø200mm
with handle



Ø300mm
with swivel



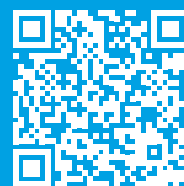
Ø300mm
with swivel & handle



Example of surface cleaner with Radames adapter



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the video



Recommended steam generators:



Three-phase steam generators with power output from 8,4 kW to 39 kW equipped with stainless steel drums with capacity from 14 l to 45 l.

Besides the conveyor belt cleaning, the same steam generators can also be used for many other industrial cleaning applications.

We look forward
to sharing our
steam experience
with you.



An Italian brand with 38 years of experience

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