



L'ARTE DEL VAPORE



World leading manufacturer of high-quality steam cleaners



Steam cleaning systems for Conveyor belts



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The power of dry saturated steam!

Our belt cleaning head is an eco-friendly and innovative product, designed to clean any kind of conveyor belt in a safe, efficient, and fast way.



FEATURES



Customized for each customer.

**AISI
304**

Stainless-steel structure.



No risk of surface damage.
Programmed cleaning cycles help to
extend the life of the belt.



Food-grade squeegees.



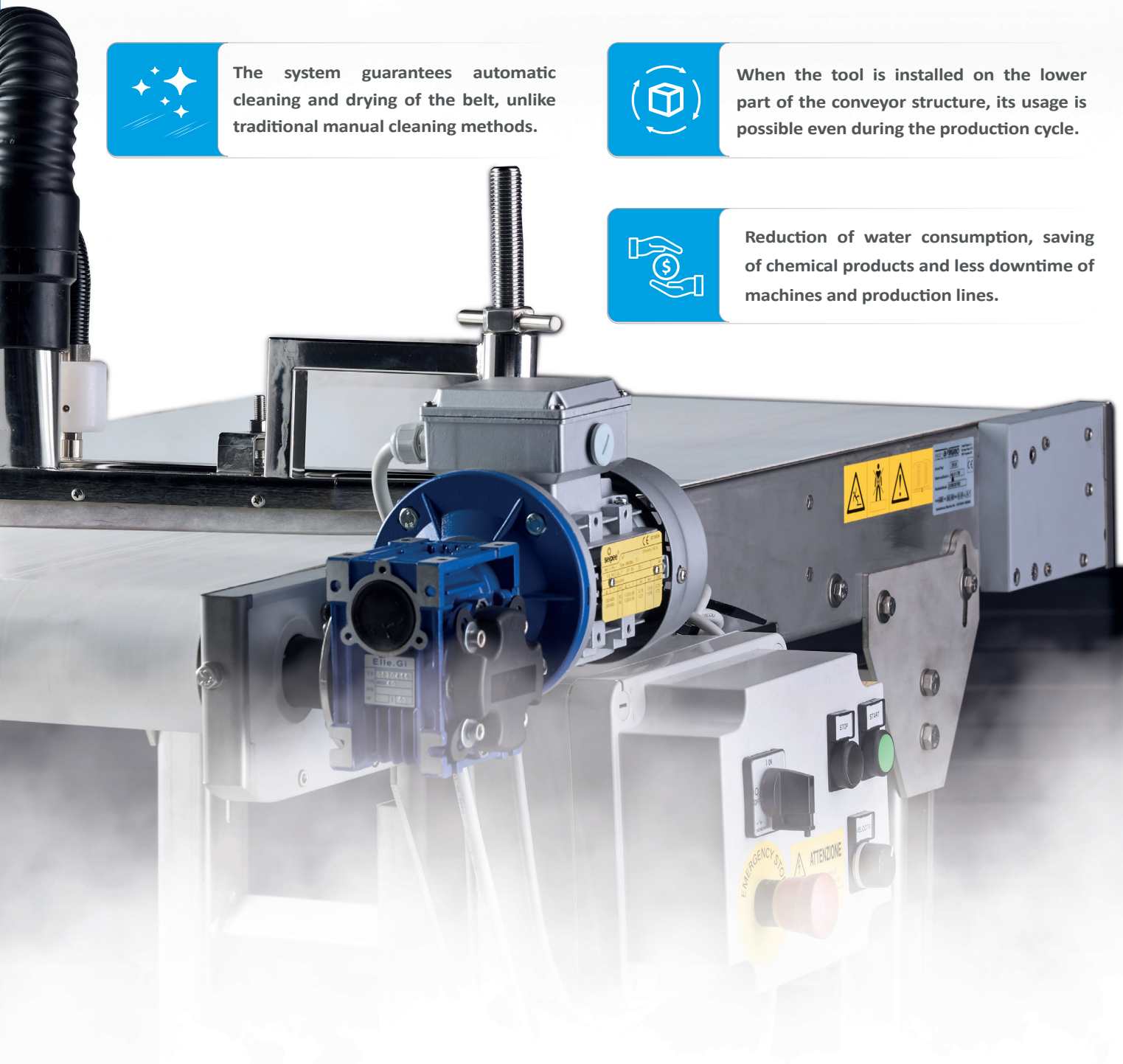
The system guarantees automatic
cleaning and drying of the belt, unlike
traditional manual cleaning methods.



When the tool is installed on the lower
part of the conveyor structure, its usage is
possible even during the production cycle.



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



SCAN ME!

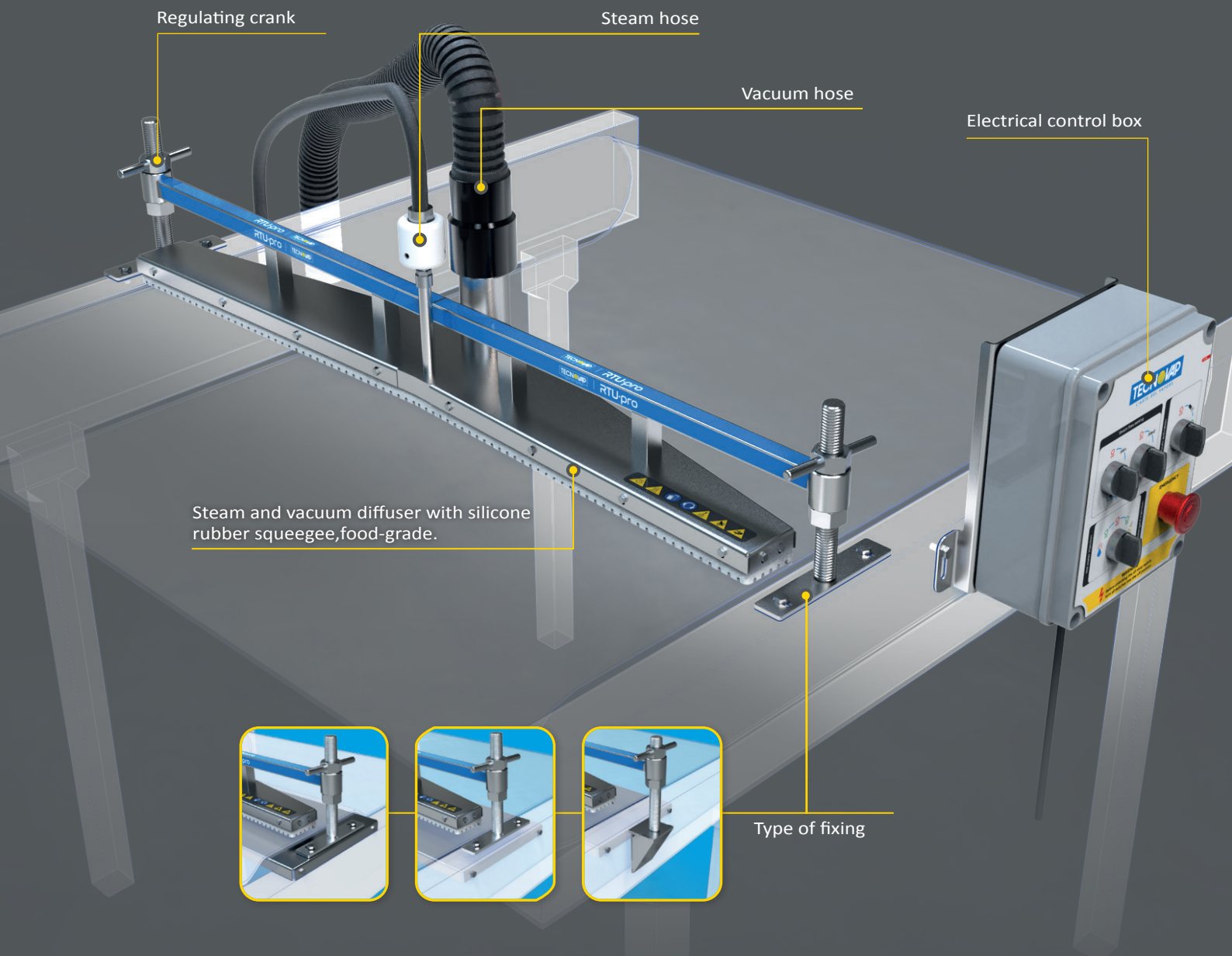
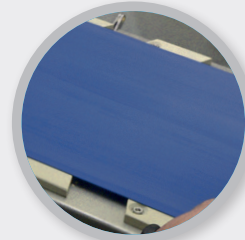


Rtu-Pro

Standard belt cleaning head

- AISI 304 stainless-steel structure
- The belt cleaning head is fixed to the conveyor belt structure by means of bolts with the possibility to adjust the tool by means of cranks
- Two possible installations on the lower or upper part of the belt
- Customizable dimensions up to 1500mm

Suitable for flat belts



Regulating crank

Steam hose

Vacuum hose

Electrical control box

Steam and vacuum diffuser with silicone rubber squeegee, food-grade.

Type of fixing

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.



Lower position

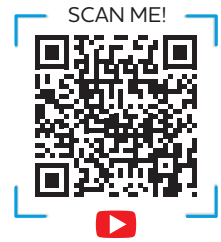
With this installation it is possible to clean the belt during the production cycle, therefore optimizing costs and cleaning times.



Rtu-Pro can be used with these models:



Electric steam generators with power ratings from 8.4 kW to 39 kW, equipped with a stainless-steel body, boiler, and a vacuum cleaner with turbine. In addition to belt cleaning, our steam generators can also be used for other applications within the company, such as cleaning of production machinery, tanks, cold rooms, walls, floors, and other surfaces.

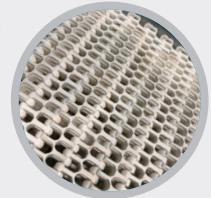
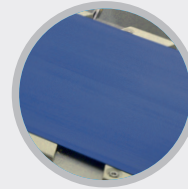


HB·Max

Semi-automatic belt cleaning head*

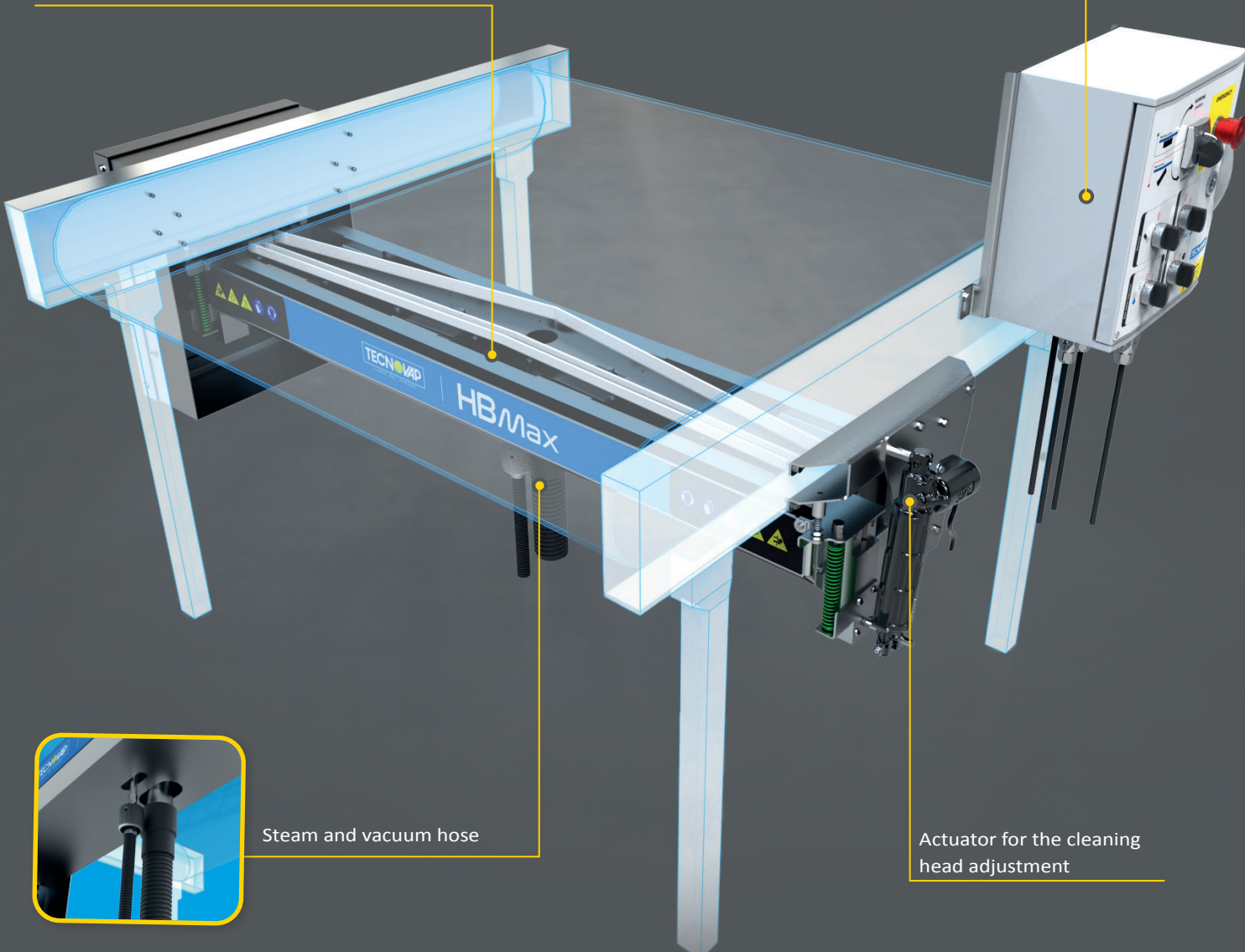
- AISI 304 stainless-steel structure
- Working and rest position adjustment of the cleaning head
- Installation exclusively on the lower part of the belt
- Customizable dimensions up to 1500mm

Suitable for mesh and flat belts



Steam and vacuum diffuser
with silicone rubber squeegee, food-grade.

Electrical control box



Steam and vacuum hose

Actuator for the cleaning
head adjustment

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.

Belt cleaning head positioning switch

Vacuum activation

Detergent injection & overheated water injection for the diffuser cleaning



Emergency STOP button

Steam flow control
MINIMUM - MEDIUM - MAXIMUM

Lower position

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



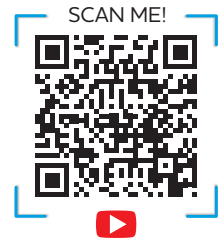
Working and rest position adjustment of the cleaning head thanks to dedicated switch.



HB-Max can be used with these models:



Electric steam generators with power ratings from 8.4 kW to 39 kW, equipped with a stainless-steel body, boiler, and a vacuum cleaner with turbine. In addition to belt cleaning, our steam generators can also be used for other applications within the company, such as cleaning of production machinery, tanks, cold rooms, walls, floors, and other surfaces.

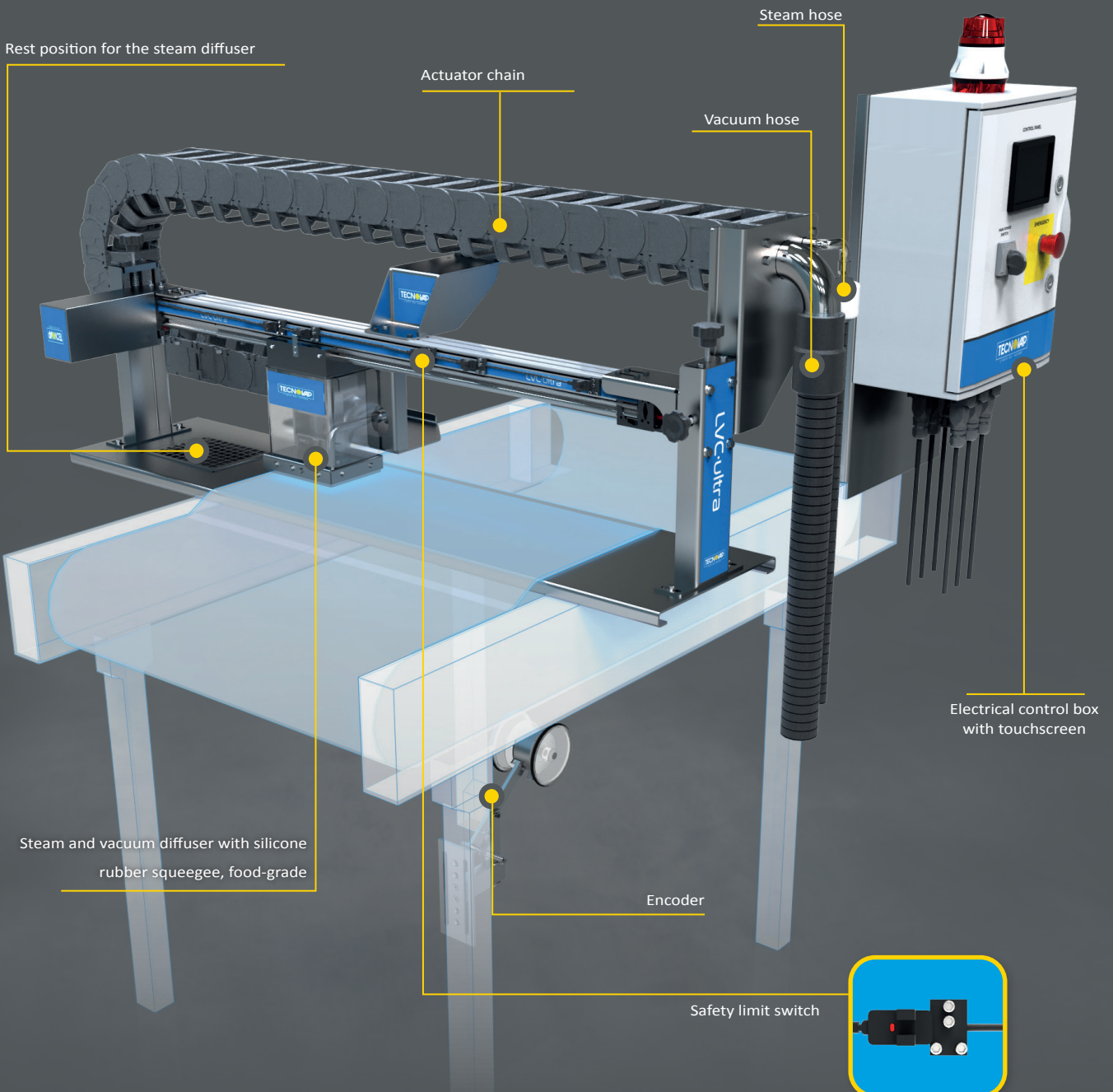
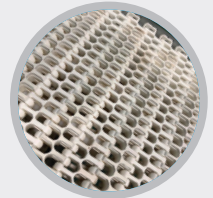
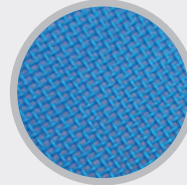


Lvc-Ultra

Automatic belt cleaning head with linear movement

- AISI 304 stainless-steel structure
- Programming of cleaning head working positions and working cycles
- Two possible installations on the lower or upper part of the belt
- Automatic movement of the steam diffuser
- Customizable dimensions up to 2000mm

Suitable for mesh belts



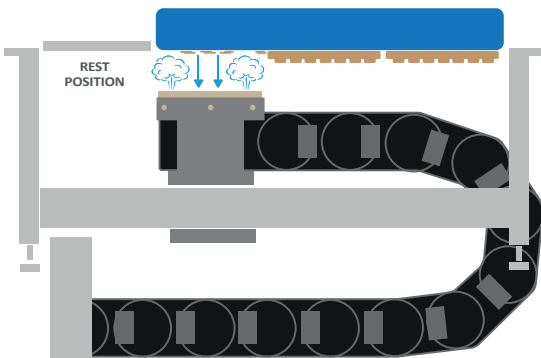
Operating diagram

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 based on the belt.

Below a diagram showing how the belt cleaning head works

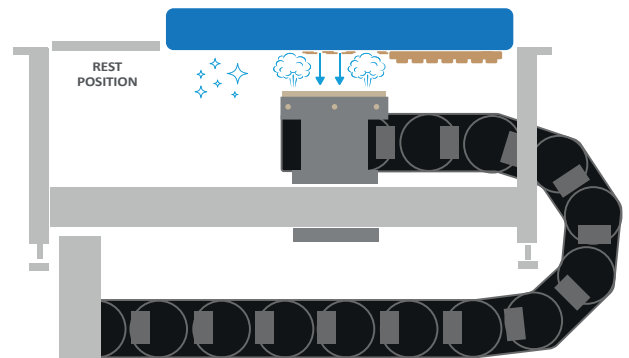
1st position

Beginning of the cleaning cycle.
The diffuser moves onto the 1st section of the belt.



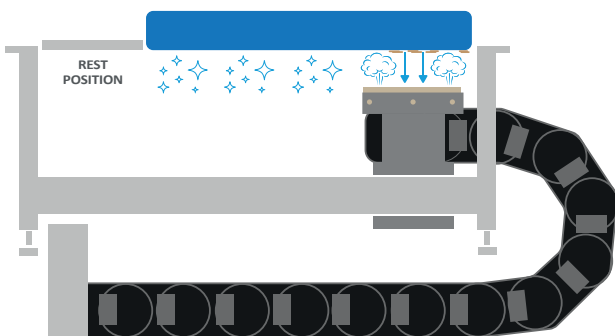
2nd position

Once the cleaning of the 1st section has been completed, the diffuser automatically moves onto the 2nd section.



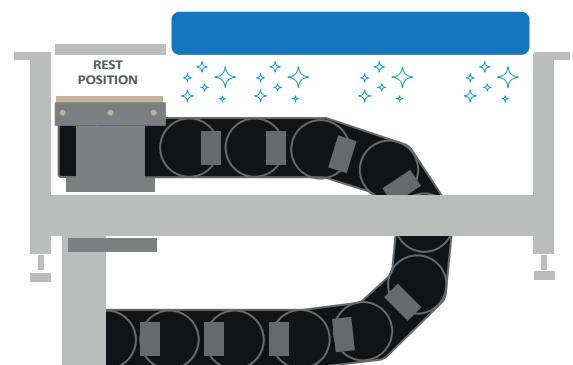
3rd position

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



4th position

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



Lvc-Ultra

Cleaning head positioning on the upper belt



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.

Through the touchscreen it is possible to program the working position of the steam diffuser

ON/OFF switch

Emergency light/acoustic indicator

Touchscreen panel

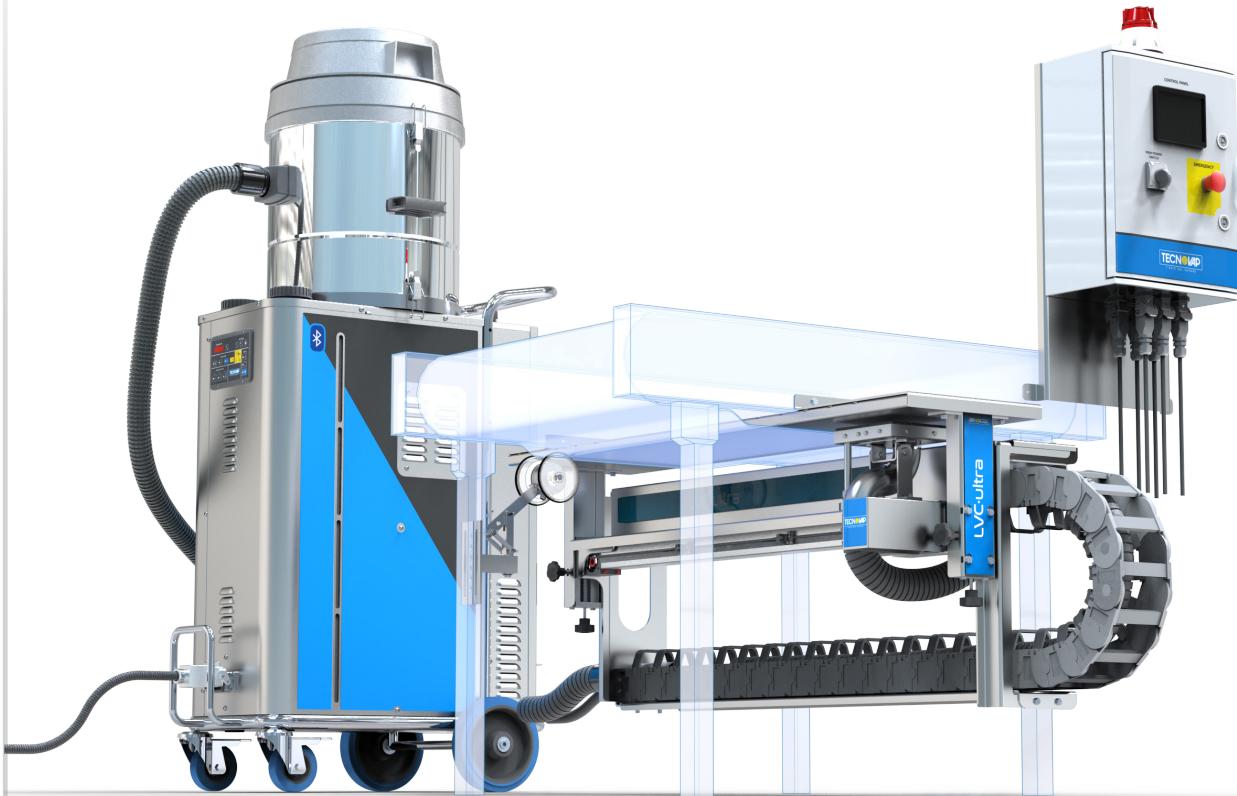
Emergency STOP button



Lvc-Ultra

Cleaning head positioning on the lower belt

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



LVC-ultra can be used with these models:



Electric steam generators with power ratings from 8.4 kW to 39 kW, equipped with a stainless-steel body, boiler, and a vacuum cleaner with turbine. In addition to belt cleaning, our steam generators can also be used for other applications within the company, such as cleaning of production machinery, tanks, cold rooms, walls, floors, and other surfaces.

Steam Plant

Steam cleaner designed for the use in food&beverage industry.



Steam cleaner

Boiler	Stainless-steel AISI 304 with interchangeable heating elements	
Body	Stainless-steel AISI 304	
Power supply	V - Hz	3~ N 400 - 50/60
Boiler output	kW/h	da 10,8 a 36
Maximum output	kW/h	da 10,8 a 39,1
Boiler volume	l	11 - 12
Operating pressure	bar	6 10
Steam production	g/min	da 291 a 970
	Kg/h	da 17,5 a 58
Steam temperature	° C	165 183

Vacuum

Power output	kW/h	3
Drum capacity	l	30
Air flow	m3/h	320
Depression	mm	3200

Various

Weight	Kg	266
Cable	m	su misura
Dimensions (generator)	cm	-
Dimensions (pallet)	cm	164 x 95 x 61
Pallet/unit	pz	1



Touchscreen panel

Technical features

Automatic mains water feeding

- ✓ Integrated inflow water pressure reducer
- ✓ Integrated water treatment filter with cationic resins
- ✓ Cooling system for the vacuumed steam/liquid
- ✓ Completely automated discharge system for the vacuumed liquid
- ✓ Automatic boiler maintenance
- ✓ Anodizing treatment of the vacuum turbine for its protection against corrosion
- ✓ Automatic stop function
- ✓ Status signals on the light/acoustic indicator
- ✓ 7" touchscreen panel as HMI
- ✓ Simplified menu to start the cleaning, two buttons only: "Start" and "Stop"
- ✓ Cleaning time setting
- ✓ Failure diagnosis
- ✓ Multilingual menu

Tools for manual cleaning



Geyser 1 hose
Steam & vacuum



Geyser lances

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



Radames 10 bar hose
Steam & vacuum



Radames adapter for surface cleaner

Surfaces cleaner



Ø200mm with handle



Ø300mm with swivel & handle



Ø300mm with swivel



Example of surface cleaner with Radames adapter



Steam is the best ally
on the market, it is
effective and ecological.

Choose the future of
cleaning, choose Tecnovap!



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