

TPA STEAM CLEANING - WITHOUT CHEMICALS

INNOVATION AT THE TOUCH OF A BUTTON

**PROFESSIONAL
CLEANING.
PRODUCTS.
REFERENCES.
SERVICE.**

BlueEvolution®

EDITORIAL

Dear Reader,

does your company still use cleaning buckets and rags to ensure „cleanliness“? This is not only time-consuming, it also produces poor results.

It's time to start cleaning up your business! This brochure gives you the opportunity to revolutionise your cleaning processes.

The innovative TPA steam vacuums cleaners became a household name long ago, and in almost every industry. Anyone who has ever seen the units in action knows why. The dry steam cleaners clean so efficiently and hygienically in just one operation that the results are astonishing - and completely without chemicals.

Read on and let yourself be amazed by the innovative possibilities of chemical-free cleaning with TPA.

ABOUT BLUE EVOLUTION

Blue Evolution is a Joint Venture between TPA SpA Italy and Beam GmbH Germany. We have been perfecting our product range since 1987 and are one of the most innovative manufacturers of cleaning systems. We develop and produce our PATENTED steam suction systems directly in Italy and Germany.

We place particular emphasis on sustainability in our work. On the one hand, this means that our products protect the environment and enable you to use resources responsibly. On the other hand, we would like to accompany you in your processes in the long term and in a spirit of partnership, so that you can obtain lasting added value from our systems.



This is what the family-owned company TPA and Beam stands for every day anew.

CERTIFICATIONS

AWARDS FOR TPA STEAM VACUUM CLEANERS



The HACCP-certified steam suction systems of the BlueEvolution series from TPA have set a new benchmark in efficient, hygienic and sustainable cleaning.

Under the approach of „Green Cleaning - total hygiene with zero chemistry“, the units work exclusively with dry steam.

The systems steam and vacuum in a single operation and save the user more than 60 percent of the time that was previously needed for cleaning. The BlueEvolution units meet the strict requirements of the HACCP standard and are therefore approved for use in sensitive work areas such as the food industry or medical technology. In addition to the HACCP certification, the BlueEvolution units also have excellent values in the 4-field test, the E standard EN 16615. In this test, the innovative multifunctional devices from TPA impress with their very good cleaning performance, a germ reduction of 99.9 percent and the inactivation of viruses. TPA has become the first manufacturer in the cleaning industry to obtain the prestigious NSF certification.

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CARBON

THE INNOVATIVE MULTIFUNCTIONAL DEVICE

UVC

COMBINES THE ADVANTAGES OF THE PRIVATE & COMMERCIAL SERIES.

It is small, light and manoeuvrable, but equipped with professional power. This means that even hard-to-reach places can be cleaned optimally and quickly.

CARBON UVC

DIMENSIONS (LxWxH)	53x35x28 cm	20,8x13,7x11 in
WEIGHT (approx.)	10 kg	22 lbs
STEAM TEMPERATURE (max.)	162°C	323°F
STEAM PRESSURE	5,5 bar	80 PSI
TOTAL OUTPUT	3.350 W	1.800 W
RATED VOLTAGE	220-240V AC 50/60 Hz	120-240V AC 50/60 Hz
STAINLESS STEEL KETTLE INOX 18/10	2.200 W	1.700 W
MOTOR NOMINAL CONSUMPTION (max.)	1.050 W	1.050 W
HW 2 HANDLE	yes	yes
SAFETY CHECK	CE and TÜV	CE
HEATING TIME (approx.)	3 minutes	4 minutes
WATER TANK (approx.)	1.5 litres	0,4 US gal
HOT WATER MODULE	yes	yes
REFILL SYSTEM	yes	yes
DESCALING PROGRAMME	yes	yes
WATER FILTER	yes	yes
UVC LIGHT	yes	yes
HACCP CERTIFICATION	yes	yes
CERTIFICATION 4-FIELD TEST	no	no

QUITE PRACTICAL

- 3 metre / 9.8 ft long hose
- Brass reinforced Professional accessories
- Handle for efficient and ergonomic handling
- 400 mm / 15,7 in wide floor nozzle





beam carbon UVC



STEAM

THE ENTRY-LEVEL MODEL

HERO

HIGH PERFORMANCE - SIMPLE OPERATION

The TPA Steam Hero has an attached, powerful industrial vacuum and thus offers the possibility of collecting up to 8 litres / 2,1 US gal of dirty water.

QUITE PRACTICAL

- 3 metre / 9.8 ft long hose
- Industrial vacuum with 8 litres / 2,1 US gal capacity
- 3.8 litre / 1 US gal water tank
- Extensive accessories

STEAM HERO

DIMENSIONS (LxWxH)	74x47x92 cm	29x18,5x36 in
WEIGHT (approx.)	28 kg	61,7 lbs
STEAM TEMPERATURE (max.)	184°C	363°F
STEAM PRESSURE	10 bar	145 PSI
TOTAL OUTPUT	3.500 W	1.800 W
RATED VOLTAGE	220-240V AC 50/60 Hz	120-240V AC 50/60 Hz
STAINLESS STEEL KETTLE INOX 18/10	3.400 W	1.700 W
MOTOR NOMINAL CONSUMPTION (max.)	1.050 W	1.050 W
SAFETY CHECK	CE and TÜV	CE, TÜV and ETL
HEATING TIME (approx.)	4 minutes	8 minutes
WATER TANK (approx.)	3,8 litres	1 US gal
HOT WATER MODULE	yes	yes
REFILL SYSTEM	yes	yes
DESCALING PROGRAMME	yes	yes
WATER FILTER	no	no
UVC LIGHT	no	no
HACCP CERTIFICATION	yes	yes
CERTIFICATION 4 - FIELD TEST	no	no

SIMPLY GOOD:

POWERFUL DUO: HACCP + UVC LIGHT = 99.9% GERM ELIMINATION & VIRUS INACTIVATION (CERTIFIED)

Our units meet the strict specifications of the 4-field test and are therefore suitable for use in sensitive work areas such as the food industry and even the healthcare sector.

Germs don't stand a chance with our UVC light. We are the only manufacturer in the world to offer an additional integrated germicide in our BlueEvolution units via UVC light irradiation in the water filter - this means that the room air is „washed“ at the same time with every vacuuming process. This minimises the concentration of viruses in the indoor air and kills bacteria and germs.

TPA steam vacuum cleaners set the benchmark in efficient, hygienic and sustainable cleaning. Under the approach of „Green Cleaning - total hygiene with zero chemicals“, the devices work exclusively with dry steam.



5 TIPS

FOR CLEANING PROBLEM AREAS

WOW EFFECT ALSO VISIBLE ON THE DEVICE:

TPA has been digitised and now makes it even easier to operate:

from now on, you can also get the TPA BlueEvolution S+ and XL+ as a digital version.

Advantages:

- With animation for easy operation
- User friendly
- Great haptics
- Various presets possible

**NEW
TOUCH-PAD**



GROUTS

Tile joints are susceptible to dust, dirt and mould. That is why it is so important to clean them hygienically with steam on a regular basis.



BELT CLEANING

Automate your conveyor belt cleaning work process. Our BEbelt is designed to be installed on the top as well as the bottom of the belts.



WINDOW + GLASS

Cleaning windows made easy. Dirt and grease are removed from the glass and frame without streaks and without much effort. The dirt ends up in a separate tank instead of on the floor or windows.



OILS + LUBRICANTS

Hot dry steam ensures more safety. Clean working platforms, ladders and machines increase workplace safety.



UPHOLSTERY + LEATHER

Chemical-free cleaning with steam not only saves you the cost of special cleaners but also protects inhabitants, employees and guests from chemical residues.

BLUE

THE ALL-ROUNDER

EVOLUTION

S+

The concept of the BlueEvolution is as simple as it is revolutionary: the innovative multifunctional device steams and vacuums in a single operation and not only saves the user over 93 percent of the previous water consumption, but also 60 percent of the time that was previously needed for cleaning. It is filled exclusively with clear water and works without chemicals. As a special feature, the BlueEvolution also has a blue light effect that eliminates germs.

BLUE EVOLUTION S+

DIMENSIONS (LxWxH)	58x38x93 cm	22,8x15x36,6 in
WEIGHT (approx.)	26 kg	57,3 lbs
STEAM TEMPERATURE (max.)	184°C	363°F
STEAM PRESSURE	10 bar	145 PSI
TOTAL OUTPUT	3.500 W	1.800 W
RATED VOLTAGE	220-240V AC 50/60 Hz	120-240V AC 50/60 Hz
STAINLESS STEEL KETTLE INOX 18/10	3.400 W	1.700 W
MOTOR NOMINAL CONSUMPTION (max.)	1.050 W	1.050 W
SAFETY CHECK	CE and TÜV	CE, TÜV and ETL
HEATING TIME (approx.)	4 minutes	8 minutes
WATER TANK (approx.)	2 litres	0,52 US gal
HOT WATER MODULE	yes	yes
REFILL SYSTEM	yes	yes
DESCALING PROGRAMME	yes	yes
WATER FILTER	yes	yes
UVC LIGHT	yes	yes
HACCP CERTIFICATION	yes	yes
CERTIFICATION 4 - FIELD TEST	yes	yes

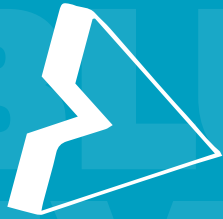
QUITE PRACTICAL

- 3 metre / 9.8 ft long hose
- Available with touchscreen
- Four swivel castors
- UVC light
- Extensive accessories
- Accessories box



Blue Evolution 2.0

Start



BLUE

THE POWERHOUSE

EVOLUTION

XL+

The BlueEvolution XL+ performs several work steps in one: steaming, mopping and vacuuming. This saves companies up to 60 percent of the time that cleaning staff would need for conventional cleaning with a bucket and cloth. Another advantage: because the system works with hot dry steam, the cleaned surfaces are dry again immediately and there is no need for long machine downtimes.

QUITE PRACTICAL

- 3 metre / 9.8 ft long hose
- Available with touchscreen
- Four swivel castors
- UVC light
- Extensive accessories
- Tank level indicator water tank
- power current

BLUE EVOLUTION XL+

DIMENSIONS (LxWxH)	72x38x93 cm	28x15x36,6 in
WEIGHT (approx.)	37 kg	81 lbs
STEAM TEMPERATURE (max.)	184°C	363°F
STEAM PRESSURE	10 bar	145 PSI
TOTAL OUTPUT	7.200 W	7.200 W
RATED VOLTAGE	400V AC 50/60 HZ	480V AC 50/60 HZ
STAINLESS STEEL KETTLE INOX 18/10	6.000 W	6.000 W
MOTOR NOMINAL CONSUMPTION (max.)	1.050 W	1.050 W
SAFETY CHECK	CE and TÜV	CE
HEATING TIME (approx.)	2 minutes	2 minutes
WATER TANK (approx.)	3 litres	0,8 US gal
HOT WATER MODULE	yes	yes
REFILL SYSTEM	yes	yes
DESCALING PROGRAMME	yes	yes
WATER FILTER	yes	yes
UVC LIGHT	yes	yes
HACCP CERTIFICATION	yes	yes
CERTIFICATION 4 - FIELD TEST	yes	yes



STEAM

ENGINEERED TO LEAD INDUSTRIAL STEAM SANITATION

COMMANDER

Steam Commander is a game-changer in industrial steam sanitation, built around a patented modular design that sets new standards for efficiency and reliability. The system is engineered to simplify operation and maintenance, offering full service access for fast inspections, quick servicing and immediate repairs.

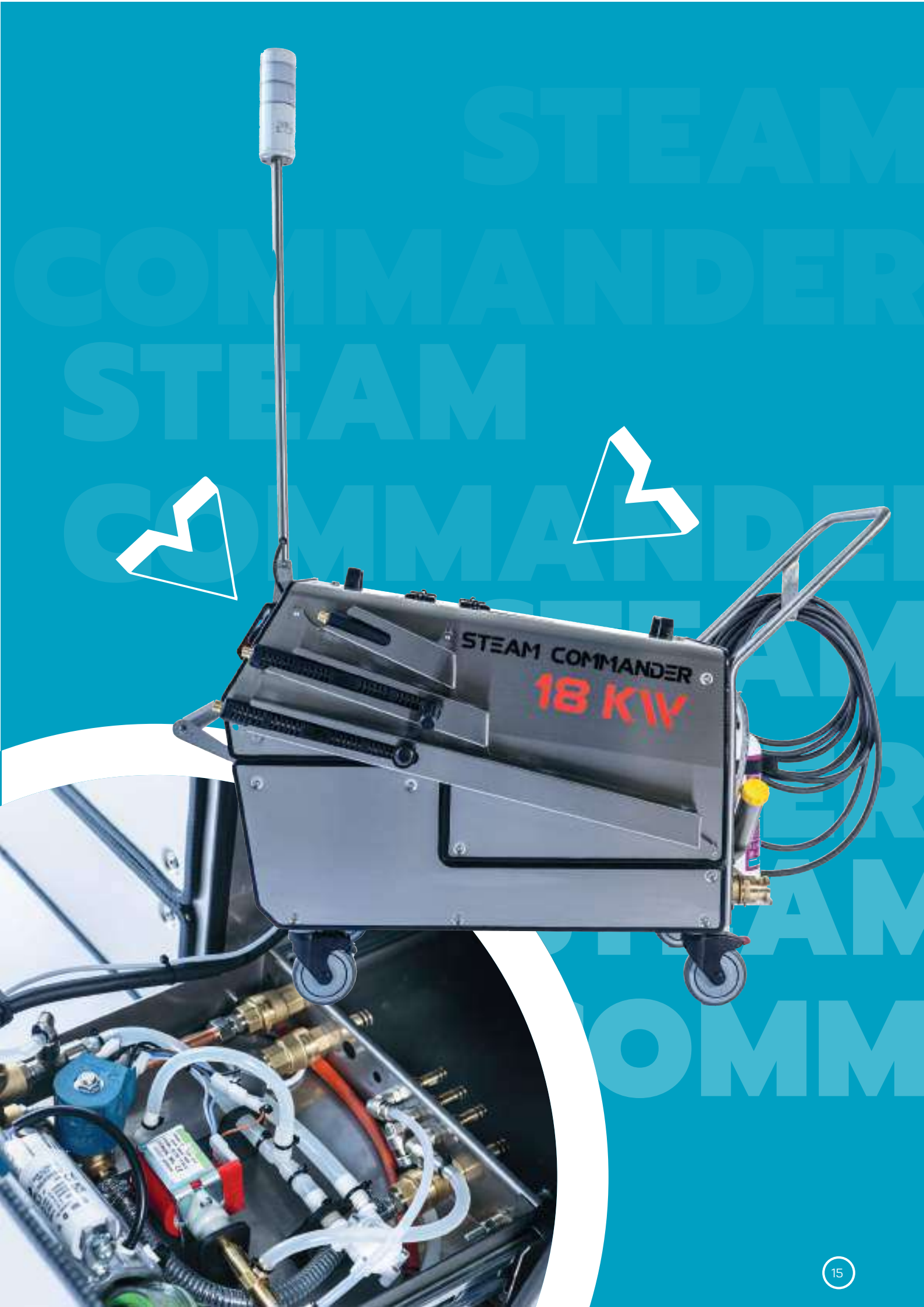
Available in 9 kW, 18 kW and 36 kW configurations, with steam temperatures up to 184 °C and a working pressure of 10 bar, Steam Commander delivers consistent, high-level performance across demanding industrial applications. Its robust construction ensures long-term durability, while advanced remote monitoring enables real-time control and performance checks from anywhere.

Steam Commander represents the next generation of steam sanitation, where power, innovation and reliability work together.

STEAMCOMMANDER	9 KW	18 KW	36 KW
RATED VOLTAGE	400 V - 480 V		
DIMENSIONS LxWxH	580 / 1340 / 920		
WEIGHT (APPROX.)	105 KG	110 KG	120 KG
STEAM TEMPERATURE (max)	184°C		
STEAM FLOW RATE	200 gr/min	400 gr/min	800 gr/min
STEAM PRESSURE	10 BAR		
TOTAL OUTPUT	9.4 KW	18.4 KW	36.4 KW
BOILER	4,9 L (1 boiler)	9,8 L (2 boilers)	19,6 L (4 boilers)
STEAM FLOW ADJUSTMENT	Yes, 3 levels		
HEATING TIME (APPROX.)	5 min		
WATER TANK (APPROX.)	20 L		
HOT WATER MODULE	Yes, 3 levels		
SIGNAL TOWER	Yes	Yes	Yes
SIGNAL TOWER'S HEIGHT	110 cm		
CONNECTION TO WATER NETWORK	Yes	Yes	Yes
PLUG&PLAY SYSTEM	Yes	Yes	Yes
LIMESCALE FILTER	Yes	Yes	Yes
REFILL SYSTEM	Yes	Yes	Yes
DESCALING PROGRAMME	Yes	Yes	Yes
IPX4	Yes	Yes	Yes
INTEGRATED VACUUM SYSTEM	On demand		
HACCP CERTIFICATION	On demand		
CERTIFICATION 4-FIELD TEST	On demand		

QUITE PRACTICAL

- Patented modular system
- Easier maintenance and cost saving
- Integrated accessories holder
- Intuitive touch screen display
- Signal tower



BEbelt

GREEN CLEANING FOR THE CONVEYOR BELT

With the world's first mobile belt cleaning system BEbelt, TPA has revolutionised the cleaning of conveyor belts and set a new benchmark for the efficient and ecological way of cleaning in the food industry. Made in Altenstadt, Germany, the innovation is simply connected to TPA's Blue Evolution XL+ steam suction system and works absolutely chemical-free. The BEbelt is completely mobile and can be used to clean various conveyor belts within a few minutes. With the new belt cleaning system, this takes place in a single step and is more hygienic than ever before.

The BEbelt can be customised up to a cleaning width of 1050mm / 3,4 ft and can be adjusted on both sides to the respective conveyor belt with millimetre precision via fine adjustments. The height of the stable construction can also be adjusted. The steam and suction unit of the belt cleaning system can be individually adjusted and moved horizontally in the stainless steel frame. So it doesn't matter whether the conveyor belts are really 100 % in water horizontally or not. Extra cool: The belt cleaning system is designed in such a way that it can be installed at the top and bottom of the conveyor belts, so even belts with cooling bonnets are no problem.

SUCCESS STORIES

Robert Wiedemann
Managing Director

„The BEbelt shows its full power especially with doughy residues. The pre-cleaning unit with integrated spatula and brush first removes large dough residues, so that the finish with steaming and vacuuming works even better afterwards. The device adapts perfectly even to uneven surfaces and is absolutely gentle on the belt. In the case of particularly rough surfaces or very stubborn dirt, the hot water module can also be switched on.“

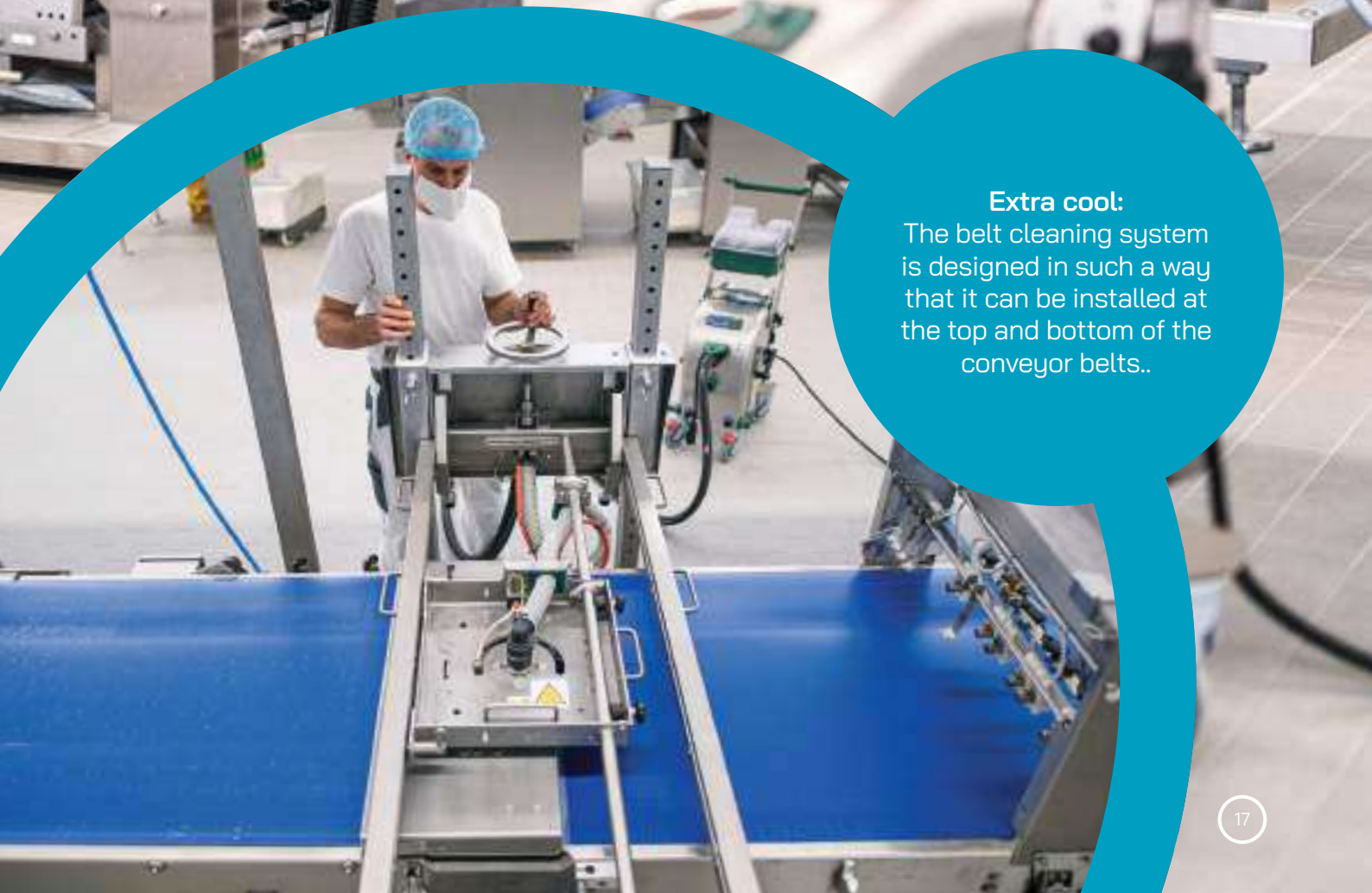
BLUEEVOLUTION - FOOD INDUSTRY

The innovation for the following common 10 CRITICAL ISSUES

- | | | |
|-----|----------|--|
| 1. | Increase | the sanitation level to protect the food products from cross contaminations and bacteria |
| 2. | Reduce | the human error during the cleaning process ---> achieve the PROTOCOL! |
| 3. | Reduce | human working time for cleaning, due to lack of qualified employees available |
| 4. | Reduce | water consumption for cleaning process |
| 5. | Reduce | water collection working time from the floor, after the cleaning process |
| 6. | Reduce | dirty water waste recycling from plant cleaning activities |
| 7. | Reduce | chemical products for equipment cleaning and sanitizing |
| 8. | Reduce | the emission of contaminated air from the exit of the vacuum cleaner inside the production plant |
| 9. | Reduce | the risk of slippery incident inside the plant |
| 10. | Maintain | the equipment (high CAPEX investment) in a clean and better good working condition as long lasting as possible |



BEbelt



Extra cool:
The belt cleaning system is designed in such a way that it can be installed at the top and bottom of the conveyor belts..

BLUEEVOLUTION

YOUR RELIA

THE NEW STANDARD IN COMMERCIAL CLEANING

ALL - ROUND

MOST INNOVATIVE CLEANING. WITHOUT CHEMICALS

Our powerful BlueEvolution steam vacuum cleaners revolutionise your professional cleaning. They ensure the highest level of cleanliness and hygiene in the gastronomy, industry, hotel, transport, healthcare, fitness, trade and food sectors. The result for you is a sterility level of 99.9% on surfaces, European HACCP certification and a value of 0 in the ATP quick test.



GASTRONOMY



HEALTHCARE

BLENDER

ROI in terms of

- Less contamination
- Economics
- Safety
- Efficiency
- Employment
- Eco Sustainability

**SUCCESSFULLY
IN USE:
REFERENCES**



INDUSTRY



HOTEL INDUSTRY



TRANSPORT



FITNESS / WELLNESS



CRAFT



FOOD

BEbelt

GREEN CLEANING FOR THE CONVEYOR BELT

Up to 45,000 baked goods roll off the conveyor belts of the organic bakery Moin from Glückstadt near Hamburg every day. Whether croissant, puff pastry or apple turnover: all are produced without any added flavours or technical enzymes. At the same time, the organic pioneer must always ensure that there are no residues of allergens or cleaning agents on its belts and machines. In order to be able to guarantee the highest level of hygiene, Moin therefore relies on the innovative BEbelt conveyor cleaning system from TPA SpA. At Moin's large organic bakery, the BEbelt impresses with its green cleaning concept and top cleaning results, but also with its easy handling and time-saving benefits.

The challenge: Until now, the Moin team had to first scrape and sponge off the food residues and then dry the belts in a time-consuming process. Stubborn and profound contamination in particular was almost impossible to get rid of in this way.



**SUCCESS
STORIES**

Hans-Paul Mattke
Managing Director

ZERO CHEMICALS AND ZERO RESIDUES

„With the BEbelt, we now work much more efficiently. The BEbelt easily removes dough residues, chocolate and sticky poppy seed fillings from the conveyor belt and saves us up to one and a half hours of time per day thanks to its user-friendly operation - with an excellent cleaning result. It's great that it does it without any chemicals.

With the BEbelt, we no longer run the risk of residues of germs, dirt and cleaning agents sticking to the belts. Our regular cleaning tests prove this in black and white“, says Hans-Paul Mattke, Managing Director of Moin Bio Backwaren GmbH, about his new purchase.

The family business was founded in Bremen in 1995 and is one of the organic pioneers in the German food industry. Today, the organic bakery is located in Glückstadt, north of Hamburg. Around 60 employees produce up to 45,000 baked goods here every day and deliver them to retailers throughout Germany.

Moin Backwaren cleans much more efficiently thanks to TPA's steam suction system, saving one and a half hours of time per day.





„From the ingredients to waste avoidance: environmental protection and sustainability are of utmost importance to us in all areas. With the BEbelt, we have also finally found a green solution for cleaning our conveyor belts. With TPA's Green Cleaning concept, it's not just the ecological approach that's spot on, the performance is too.“



GAS STATION

BEAT THE COMPETITION WITH CLEANED AND SANITIZED STORES AND TOILETS

In a place where around 800 customers a day fill up their cars, drop off parcels or pick up a snack for in between, cleanliness is a real challenge. To master this, the Aral petrol station Dietmannsried in Allgäu relies on the BlueEvolution S+. The steam suction system steams and vacuums in one operation, which not only saves time but also ensures hygienically clean floors and petrol pumps. In order to put an end to the generally very cumbersome wet cleaning with a cleaning bucket and mop, an innovative and above all efficient alternative was needed at the petrol station.

The BlueEvolution S+ is used at the Aral petrol station in Dietmannsried mainly for cleaning the shop floor. A thorough cleaning is carried out four times a week. But the efficient cleaner is also quickly at hand for small emergencies.

Especially in autumn and winter, the BlueEvolution is often in use. „It simply sucks up all the dirt that comes into the shop with the customers - even from the carpet. The steam not only removes the dirt, but also germs and bacteria.“ Thanks to the innovative UVC blue light effect, germs don't stand a chance with the BlueEvolution series.



SUCCESS STORIES

Angelika Beyer
Leaseholder

On top of that, the BlueEvolution is highly manoeuvrable. „The compactness of the device is a real advantage with the many shelves and narrow aisles in our shop,” says Beyer. Thanks to the large number of different attachment nozzles, the BlueEvolution S+ also ensures spotless cleanliness at the pumps. „In the past, we had to scrub them clean with a pump cleaner and brush, and all the dirty water dripped onto the floor. With the steam, which is immediately sucked up again, it's very easy now,” says Angelika Beyer, pleased with the ease of work. From time to time, the BlueEvolution is also used to clean the chairs at the bar tables in the Aral petrol station in Dietmannsried, where it makes the grey residue on the upholstery disappear.





„With the BlueEvolution, we have a completely different basic cleanliness in our petrol station compared to before and, above all, we no longer have to dust so much. This used to be very time-consuming because we always had to remove the individual bars and bottles from the shelves to get rid of the dust. Now we clean the floors with the TPA steam suction systems. The dust is completely bound in the water filter and can no longer be stirred up. That makes our work a lot easier.“

The Blue Evolution S+ makes the work at the Aral petrol station much easier and also makes it spotlessly clean.



CONFECTIONERY

BLUEEVOLUTION PUTS AN END TO GLUTEN CONTAMINATION

Be it nuts, soy, lactose or gluten: Every third Italian suffers from a food intolerance or allergy. So that those affected can still experience the full chocolate pleasure, Confiserie Rau from Altenstadt also offers gluten-free and lactose-free chocolate fruits and cereals in its range. **The challenge here:** because one and the same conveyor belts and machines have to be used for all production lines, there is a risk of contamination with allergens. In order to be able to optimally prevent this, Confiserie Rau relies on the HACCP-certified BlueEvolution XL+ steam suction system in stainless steel design from TPA for cleaning. The multi-functional device from the Bavarian quality manufacturer convinces with top results in the cleaning test, does completely without aggressive cleaning agents and also saves the user a lot of time when cleaning.

SUCCESS STORIES

Christopher Rau
Managing Director



Confiserie Rau has already been certified according to the IFS Food Standard (International Featured Standard) in the highest category „Higher Level“ for eight years and processes up to 400 tonnes of chocolate annually. The company specialises in the production of organic as well as gluten- and lactose-free chocolate-coated fruits and cereals. In order to meet the high hygiene standards in the food industry, its conveyor belts and production machines previously had to be cleaned in a time-consuming three-step process: Wet cleaning was followed by disinfection and finally rinsing.

Thanks to the BlueEvolution XL+ from TPA SpA in Romano d'Ezzelino, Italy, tedious scrubbing is finally a thing of the past: The multifunctional device steams and vacuums in a single operation, saving the user over 60 percent of the time previously needed for cleaning.

The power version of the BlueEvolution series works with a steam temperature of up to 180 degrees and achieves an enormous cleaning performance. Filled only with water and without any chemicals, the innovative steam suction system easily removes even the toughest dirt such as greasy chocolate residues.

Confiserie Rau achieves top results in the wipe test with TPA's innovative steam suction system - completely without chemicals.



„To protect our gluten- and lactose-free products from contamination with allergens, we absolutely cannot compromise on hygiene in our production hall. Every time after processing conventional cereals and chocolate, we have to make sure that our conveyor belts and machines are free of all residues,” says Christopher Rau, Managing Director of Confiserie Rau, explaining the challenge of cleaning in his business. „I am all the more pleased that with the BlueEvolution XL+ from TPA we have found a steam suction system that meets our high requirements.“



BAKERY

HYGIENE PLUS IN THE BAKERY/PASTRY SHOP

When it comes to hygiene, the industrial bakery Inter Europol S.A., based in Marki, Poland, does not cut corners, but goes full steam ahead. And it does so with the HACCP-certified BlueEvolution XL+ steam suction systems. The innovative cleaning devices not only ensure visually radiant surfaces on production machines, conveyor belts and rack trolleys, but also brilliant hygiene results. Thanks to hot dry steam and a special UV light effect, germs don't stand a chance. The best thing for baking professionals: cleaning is particularly easy and saves not only energy, but also time and frustration. „The BlueEvolution is fantastic! It ensures sterility in the twinkling of an eye exactly where it is most urgently needed: On the surfaces that come into direct contact with our baked goods, such as dough presses and conveyor belts. As a food manufacturer, we can make absolutely no compromises when it comes to hygiene. Of course, when it comes to cleaning, we also rely on a system that meets even the highest hygiene requirements and even fulfils the particularly high HACCP standard,“ explains Rüdiger Stollmeier, who as project manager at Inter Europol S.A. is responsible for the procurement of individual machines and complete production lines.



**SUCCESS
STORIES**

Rüdiger Stollmeier
Project Manager

The employees of Inter Europol use the powerful TPA cleaners for regular cleaning of the stainless steel surfaces, plant components and production machines. Especially when cleaning the oven racks, which often come out of the ovens sooty, or in burnt-in areas, the BlueEvolution shows its full potential. The multifunctional devices also score points in hard-to-reach places such as corners, joints and edges with their different attachments.

The fact that TPA's innovative steam suction systems deliver outstanding hygiene results was recently proven by a test in the production of a large dough manufacturer. There, the BlueEvolution reduced the total germ count on several conveyor belts from 27 (cross belt) and 18 (belt) to 0 in each case, as well as mould from 2 to 0. The TPA devices also performed well across the board on the tested stainless steel surfaces and on heavily soiled and mould-contaminated surfaces.





Inter Europol S.A.
has several BlueEvolution XL+ in use in its two production halls near Warsaw.

„Where our staff used to have to come in with brushes and chemicals and scrub with great effort, now the cleaning is very simple and ten times faster. With the power of dry steam, we not only tackle superficial dirt, but also germs - and without the use of chemicals.“



FOOD PRODUCTION

NATURAL STEAM POWER FOR FOOD PRODUCTION

No chemicals are needed to combat germs, dirt and grease. On the contrary: „Green Cleaning“ is the order of the day at the truffle manufacturer Göschle. The food producer from Offingen in Swabia relies on the HACCP-certified BlueEvolution XL+ steam suction system for powerful but environmentally friendly cleaning of its production hall. Cleaning is particularly easy with the BlueEvolution. Not only does it save the user a lot of energy, but also a lot of time and frustration. The company from Offingen has been producing high-quality truffle butter, truffle cheese and everything to do with truffles for ten years now. Production manager Alexander Keck and his team place particular emphasis on natural products and a sustainable production environment.

The production manager is especially convinced by the power of the BlueEvolution XL+. Even thin oil films and the hardest dirt in the tile joints can be easily removed. With the multifunctional device from Altenstadt, large areas as well as hard-to-reach places such as corners and edges can be optimally cleaned.



SUCCESS STORIES

Alexander Keck
Production Manager

Since cleaning is done exclusively with dry steam, the steam system is ideal for cleaning cold stores and machines. „If cleaning is done with water there will be too much moisture and frost, ice and fog will form. With the BlueEvolution, all that is finally a thing of the past,“ explains Keck.

The BlueEvolution steams and vacuums in one operation and saves the user more than 60 percent of the time previously needed for cleaning. And because the steam vacuum cleaner is only filled with clear water, the food industry does not run any risk as far as residues of aggressive cleaning agents are concerned. Thus, the BlueEvolution not only meets the high HACCP standard, but also excels across the board in the 4-field test.

Trüffelmanufaktur
Göschle
consciously opts for
TPA's Green Cleaning
concept - even in the
offices.



„As a food producer, we cannot compromise on hygiene. I am all the more pleased that with the BlueEvolution we have finally found an ecological alternative to chemical cleaning agents that also meets the high HACCP standard. We can thoroughly remove dirt, germs and bacteria from a wide variety of surfaces in our company with the power of dry steam alone. These include, for example, our tiled floors and walls, our cold stores, sensitive work equipment and conveyor belts.“



INDUSTRY

BLUE EVOLUTION XL+ ENSURES MAXIMUM TECHNICAL CLEANLINESS

Where milling machines and lathes are in continuous use, there is also a lot of dirt. In addition to chips, it is corrosion agents such as oils and greases that are stubbornly deposited on the sensitive machines. The Blue Evolution XL+ steam suction system from TPA ensures maximum technical cleanliness. The multifunctional device even dissolves lubricants without leaving any residue and carries out several work steps in one, thus also saving a considerable amount of time. Freudenberg Sealing Technologies, which uses the innovative TPA steam suction system in its hydraulic accumulator production in Remagen (Rhineland-Palatinate), appreciates the advantages of this powerful cleaner.



SUCCESS STORIES

Marcus Darms
Production Manager

During the production of high-quality hydraulic accumulators, for example, milling machines and lathes as well as throughfeed washing machines are used for cleaning metal parts. Not only chips accumulate, but also oils, greases and other lubricants contaminate the sensitive machines - and the corrosives in particular pose a real challenge for technical cleanliness.

Freudenberg Sealing Technologies is the global market leader for sophisticated applications in sealing technology. As a result, it makes no compromises when it comes to the quality of its hydraulic accumulators - nor does it make any compromises when it comes to the technical cleanliness of its production facilities. With the BlueEvolution XL+, the company has opted for the most powerful unit in TPA's BlueEvolution range. Even oil-smearred areas can be cleaned reliably and particularly quickly.

The BlueEvolution XL+ performs several work steps in one: steaming, mopping and vacuuming. Because the system works with hot dry steam, the cleaned surfaces are dry again immediately and there is no need for long machine downtimes. „In the industrial sector, every second counts. The shorter the set-up and downtimes, the better.





„Until now, we have worked in the classic way with buckets, rags and a special cleaning agent. The problem: the oils and greases were usually not properly removed from the surfaces, but rather distributed on them. With the BlueEvolution XL+ from TPA, however, the residues are now finally a thing of the past. We are very satisfied with the excellent cleaning result.“



Freudenberg Sealing Technologies minimises the set-up and downtime of their machines with the Blue Evolution XL+.

HOTEL INDUSTRY

„GREEN CLEANING“ THANKS TO THE INNOVATIVE STEAM SUCTION SYSTEMS

When it comes to sustainability, the aquatum hotel in Radolfzell on Lake Constance is a true pioneer. No matter whether it is the energy supply or the choice of building materials: Investor and hotel operator Jürgen Räßle places the highest value on using resources as sparingly as possible in all areas. As the world's first zero-energy high-rise, the building has already received several awards. That is why „green cleaning“ is also a priority in housekeeping. The AquaTurm Hotel relies on the innovative Limatic Carbon and Edition Limatic LN steam suction systems from TPA. Räßle and his family converted the former water tower into a zero-energy high-rise. The building, which is around 50 metres high, supplies itself with renewable energy from solar and geothermal energy, a photovoltaic system and a wind turbine. Only natural and recycled building materials were used in the conversion. The design hotel has been completed since 2017.



SUCCESS STORIES

Jürgen Räßle
Building owner and
Hotel operator

The TPA steam suction systems ensure maximum hygiene in the guest rooms and bathrooms, in the kitchen and in the breakfast room of the Aquatum Hotel. They are suitable for cleaning all surfaces - from windows and upholstery to tiled floors. The latter had always presented the staff with a problem. „Our tiles have a very rough surface. When cleaning with a cloth, brush and bucket, the dirt was not removed, but rather distributed. It's great that the TPA machines loosen the dirt and vacuum it up at the same time,“ Räßle explains.

The Limatic Carbon comes standard with an ergonomic handle. It can be individually adjusted to the user's body size, is height-adjustable to a length of 30 cm and is suitable for both right-handed and left-handed users. „The investment in the TPA steam suction systems has absolutely paid off. Unlike devices from other manufacturers, they convince above all with their first-class workmanship and performance. On top of that comes the good conscience that we no longer have to flush chemicals into the environment for cleaning,“ says Räßle.





„We can proudly say that the aquaTurm Hotel is a real ecological showcase project. It is therefore only logical for us to follow our green line in housekeeping as well and to rely on TPA's ‚Green Cleaning‘ concept. I am very pleased that with the Edition Limatic LN we have found real alternatives to the use of chemicals. With TPA, the overall combination of ecology, quality and performance is just right.“



aquaTower:
Zero chemicals in the world's first zero-energy high-rise building, which is why the hotel relies on TPA SpA's Green Cleaning concept.

HEALTHCARE

NATURAL STEAM POWER FOR MAXIMUM HYGIENE IN THE NURSING HOME

Whether in the residents' rooms, in the common rooms, bathrooms or in the kitchen: the Sonnenhof senior citizens' facility in Hollingstedt wants to reduce the use of chemicals to a minimum when cleaning. This is why the nursing home has been using a particularly natural cleaner for years - namely the innovative BlueEvolution S+ steam suction system. Two of the units are in daily use at the Sonnenhof and impress above all with their green cleaning concept. Previously, all surfaces in the Sonnenhof had been cleaned by hand - according to the in-house cleaning concept with coordinated cleaning agents and a variety of cleaning cloths and covers. For the nursing home, this method of cleaning meant an enormous consumption of water and, above all, a high expenditure of time and personnel. This is now a thing of the past, because with the BlueEvolution S+, hygienic cleaning is easier than ever before.

„Cleaning without the BlueEvolution from TPA is now unthinkable for my team and me. We are absolutely enamoured with the device and no longer want to be without it. It has a number of advantages for our everyday work - first and foremost that it does not need any cleaning agents at all. This way, we protect our residents and staff from



**SUCCESS
STORIES**

Heike Wnuck
Managing Director

chemical residues, save the costs for special cleaning agents and do something for the environment. By the way, TPA's Green Cleaning concept is particularly noticeable in the indoor air, which is much more pleasant," says Birte Junker-Schulz, Head of Housekeeping at Senioren-und Pflegeeinrichtung Moltzen GmbH, which operates Sonnenhof in Hollingstedt.

For the team of five around housekeeping manager Birte Junker-Schulz, the BlueEvolution S+ is a real all-rounder that can efficiently and gently clean all surfaces in the residents' rooms, common rooms, bathrooms and kitchen of the Sonnenhof. The hot dry steam can be regulated as needed - it cleans not only tiles and windows, but also mattresses, upholstery and even delicate pleated blinds.





„Our residents should feel at home in the Sonnenhof. This includes, for example, that it does not smell like disinfectants and cleaning agents everywhere. But it is of course particularly important that we protect our senior citizens as best as possible from germs and viruses. Therefore, we absolutely must not compromise when it comes to cleaning. It's great that we can ensure maximum hygiene with the BlueEvolution - and all in a single step.“

Especially important for the Sonnenhof

Although the steam can reach temperatures of up to 180 degrees, the staff cannot burn themselves on it, because the BlueEvolution S+ works with very little water input.



TRANSPORT COMPANIES

FULL STEAM POWER AGAINST GERMS AND VIRUSES IN THE OMNIBUS

Since the Corona pandemic at the latest, it has become clear that transport companies must not make any compromises when it comes to cleanliness and must pay more attention than ever to hygienically clean surfaces. Now more than ever, the passengers of Koblenzer Verkehrsbetriebe GmbH should be able to rely on the highest standards of hygiene and protection against infection. The company therefore relies on full steam power with two BlueEvolution XL+ for cleaning its buses. The company provides local public transport in the city of Koblenz (Rhineland-Palatinate) and the surrounding area with around 90 buses every day. Of course, cleaning was a real challenge for the company's cleaning team. Previously, the floors and windows, the seat upholstery and grab rails in the vehicles were cleaned in the conventional way: with a Hoover, bucket, cloth and brush.



SUCCESS STORIES

Thomas Wirz
Workshop employee

The BlueEvolution XL+ now puts an end to deep-seated dirt and pathogens here as well. „The device makes cleaning much easier - even stubborn residues from drinks or chewing gum are removed,“ says Thomas Wirz. The multifunctional device from TPA operates with 7,200 watts, a pressure of up to 10 bar and up to 180 degrees of hot dry steam. It removes even stubborn dirt without leaving any residue and meets the highest hygiene standards. An additional advantage: the innovative steam suction system also efficiently cleans the air in vehicles. This is because pathogens are killed by UVC light irradiation in the water filter.

The TPA steam suction system also impresses with its innovative machine concept. It includes different attachment nozzles and a hose over three metres long. An eight-metre hose is also available as an option. This allows the BlueEvolution XL+ to remain outside while still reaching every spot inside the vehicle. „With the TPA units, our cleaning team can clean floors and windows just as optimally as hard-to-reach places. In our buses, for example, these are the seat and door areas,“ says Thomas Wirz.





„Vehicle cleanliness has always been a top priority for us - and not just since the Corona crisis. As a transport company, it is extremely important for us that our passengers feel completely comfortable. And especially in the current situation, we naturally want to protect them and our employees as best as possible from infection. With the BlueEvolution XL+, we are now ensuring a completely new level of hygiene in our buses“



Koblenzer Verkehrsbetriebe is pleased with the easier cleaning process, which also removes stubborn residues such as chewing gum.

STEAM VACU COMPARISON



CARBON UVC

STEAM HERO

	CARBON UVC		STEAM HERO	
DIMENSIONS (LxWxH)	53x35x28 cm	20,8x13,7x11 in	74x47x92 cm	29x18,5x36 in
WEIGHT (approx.)	10 kg	22 lbs	28 kg	61,7 lbs
STEAM TEMPERATURE (max.)	162°C	323°F	184°C	363°F
STEAM PRESSURE	5,5 bar	80 PSI	10 bar	145 PSI
TOTAL OUTPUT	3.350 W	1.800 W	3.500 W	1.800 W
RATED VOLTAGE	220-240V AC 50/60 Hz	120-240V AC 50/60 Hz	220-240V AC 50/60 Hz	120-240V AC 50/60 Hz
HEATING TIME (approx.)	3 minutes	4 minutes	4 minutes	8 minutes
WATER TANK (approx.)	1,5 litres	0,4 US gal	3,8 litres	1 US gal
HOT WATER MODULE	yes	yes	yes	yes
REFILL SYSTEM	yes	yes	yes	yes
DESCALING PROGRAMME	yes	yes	yes	yes
WATER FILTER	yes	yes	no	no
UVC LIGHT	yes	yes	no	no
HACCP CERTIFICATION	yes	yes	yes	yes
CERTIFICATION 4-FIELD TEST	no	no	no	no

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BLUEEVOLUTION

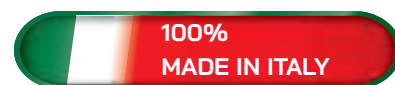
STEAMCOMMANDER

58x38x93 cm	22,8x15x36,6 in	72x38x93 cm	58x134x92 cm
26 kg	57,3 lbs	37 kg	110 kg
184°C	363 °F	184°C	184 °C
10 bar	145 PSI	10 bar	10 bar
3.500 W	1.800 W	7.200 W	18 kW
220-240V AC 50/60 Hz	120-240V AC 50/60 Hz	400V AC 50/60 HZ	400V AC 50/60 Hz
4 minutes	8 minutes	2 minutes	5 Minuten
2 litres	0,52 US gal	3 litres	20 Liter
yes	yes	yes	yes
yes	yes	yes	yes
yes	yes	yes	yes
yes	yes	yes	-
yes	yes	yes	-
yes	yes	yes	-
yes	yes	yes	-

SURPRISINGLY VERSATILE

ACCESSORIES FOR THE TPA STEAM SYSTEMS

We know: With different companies and different areas of application come different cleaning needs. That is why TPA steam suction systems can be upgraded with a wide range of useful accessories. Whether with special nozzles, brush attachments or special hoses: With our accessories, you can upgrade your TPA steam vacuum to meet your exact requirements and make it perfect for your business. In some cases, accessories can also be customised exactly to your needs - just get in touch with us.



Do you have special requirements?

Contact us - we can often develop customised accessories.





ALL ADVANTAGES AT A GLANCE

6 REASONS WHY TPA GUARANTEES YOU SAFETY:

- ✔ Kills 99.9% of germs & bacteria
- ✔ Inactivation of viruses
- ✔ Air washing by UVC light against aerosols
- ✔ Germ-free surfaces & floors
- ✔ Elimination of residues & contaminations
- ✔ Efficient & sustainable

The TPA steam vacuums enable you to implement the new hygiene and safety regulations effortlessly - so you can concentrate on your business.

SCHEDULE A **FREE LIVE DEMO** AND SEE YOURSELF
TPA'S PRO STEAM
CLEANERS.
FOR COMMERCIAL
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