

*next level cleaning*

# Container Cleaning

Mixer and dissolver cleaning | Industrial Cleaning |  
Mobile units | Conveyor belt cleaning

DIGITAL  
VERSION:



**WALTER** 

# When a W like Walter is more than a letter, it's *next level cleaning*

## **Who we are and what we manufacture**

As a classic, family-run medium-sized company, we have been manufacturing high-quality cleaning systems and their individual components for over 40 years.

These are „made in Germany“, CE-compliant and safe.

## **Who we serve**

Whether for the food, pharmaceutical, concrete, cosmetics or automotive industries, our cleaning equipment is used wherever heavy soiling needs to be removed sustainably. And if required we also work with our customers to develop individual automated cleaning methods. We ensure the effectiveness of the methods by establishing parameters on site.

## **Where we are used**

Thanks to our dealer and service network, our cleaning systems and test equipment are used worldwide in different sectors.

## **What is important to us**

Some of our equipment has been in use for 30 years already. In other words, we traditionally place great value on high product quality – as well as fast, reliable service, extensive know-how and uncomplicated, personal assistance if „King Customer“ needs us. Speaking of which: We think along with the customer and give clear, honest recommendations. We also deal with our partners and colleagues in a fair manner and – despite all professionalism – like relationship.



### Less is more

This principle applies especially to all our **Walter individual pressure systems**, which not only clean powerfully and thoroughly, but also do something good for your machines, the environment and your wallet.

We **reduce your water and chemical consumption** to the optimum minimum for your application. In doing so, we use the entire range of technologies in the **pressure range from 10 bars – 250 bars**.

Walter focuses on the user and develops new, simplified, **safe and innovative cleaning technologies** for him that make his work easier and more efficient. We **automate** cleaning tasks and improve **cleaning quality** and **reproducibility**.

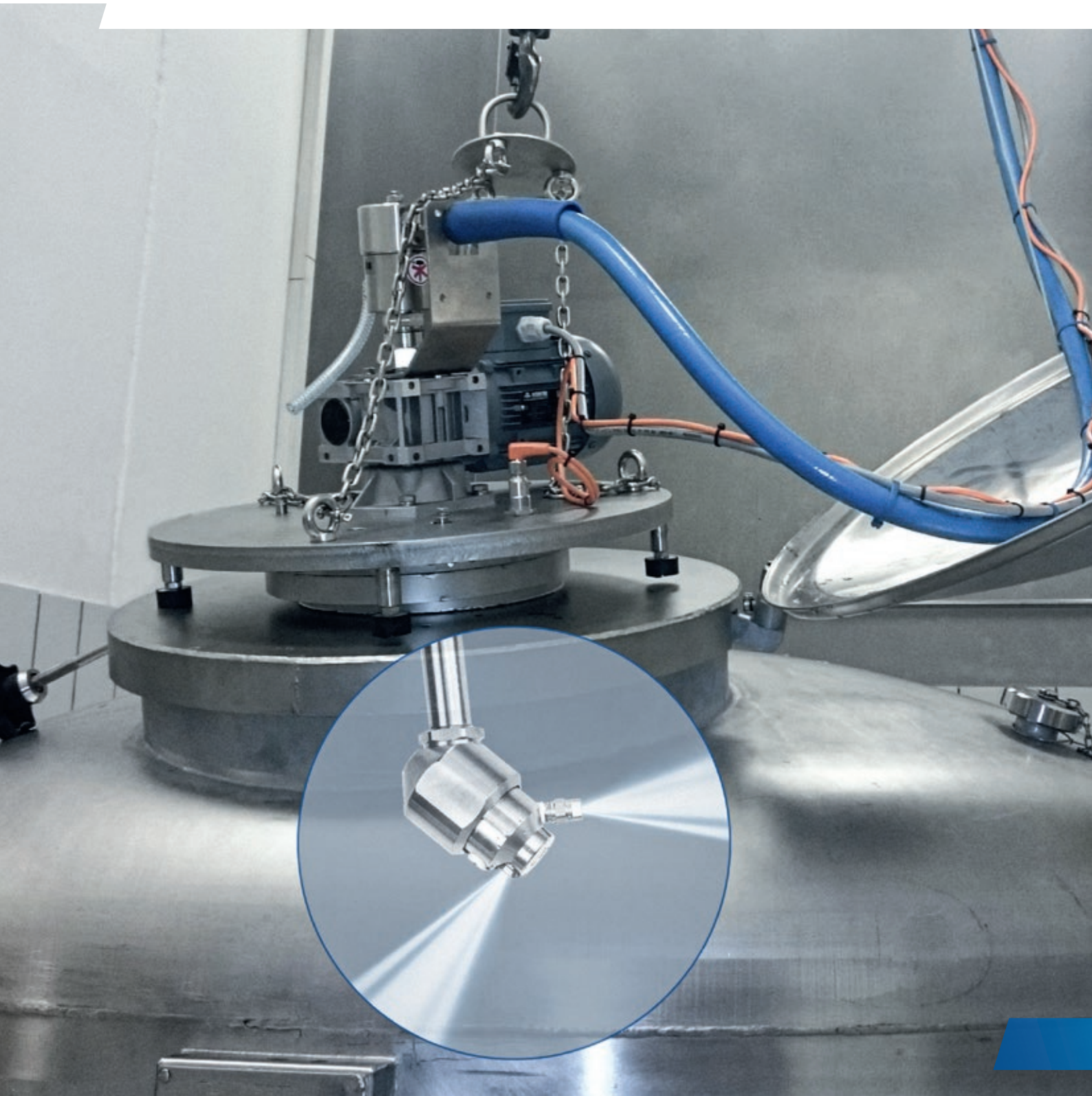
As your operation grows, Walter's modular long-life systems with their upgrading reserves can be adapted to your new requirements.

As a fair partner, we will be happy to advise you individually on which solution best suits your needs. And that in a competent, flexible, honest and service-oriented manner.

# Typical Walter.



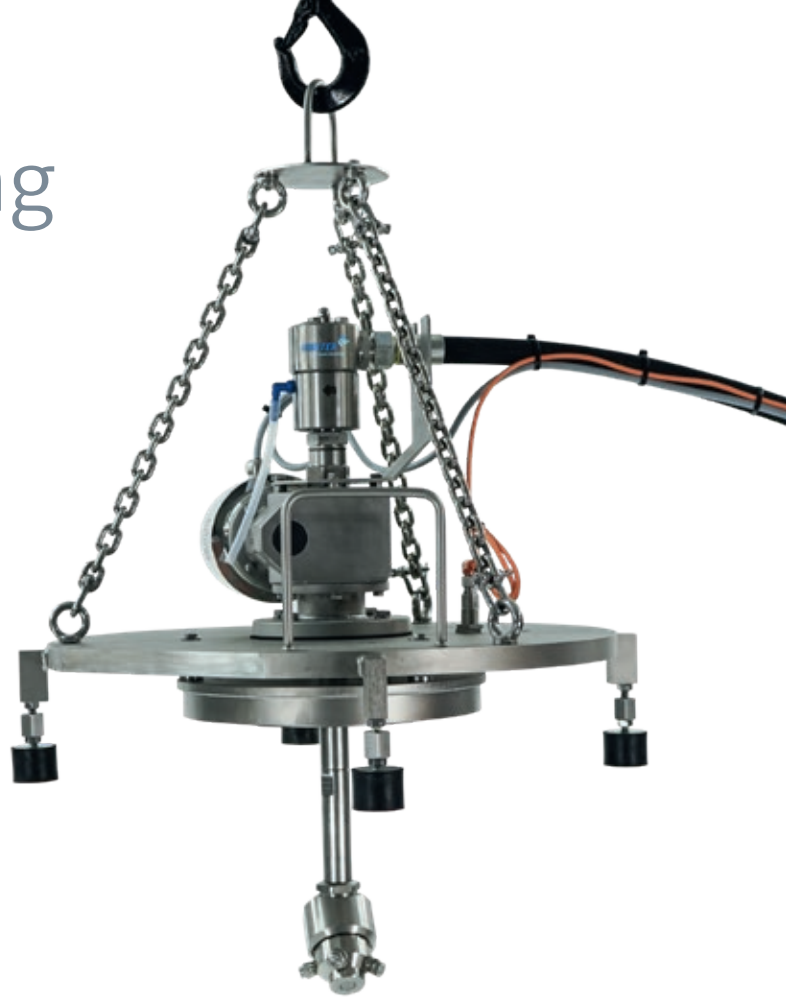
When it gets clean  
where you can't see it,  
we call it ***next level cleaning***



# Container cleaning

## All containers – one system

No matter what type of container: Supply several cleaning stations with just one pump and clean even otherwise inaccessible areas **thoroughly and efficiently**. With a hand lance and cleaning pressure of up to 250 bars, the outside cleaning is child's play. Extremely helpful: Your water and chemical consumption is documented and the cleaning results are validated. Thanks to flexible **automation levels** and dosing options for cleaning agents and disinfectants, you can **reduce** the number of personnel required and the **number of maintenance operations** – because the cleaning pump has no chemical contact.



/ Automated cleaning process

/ Reduction of cleaning times

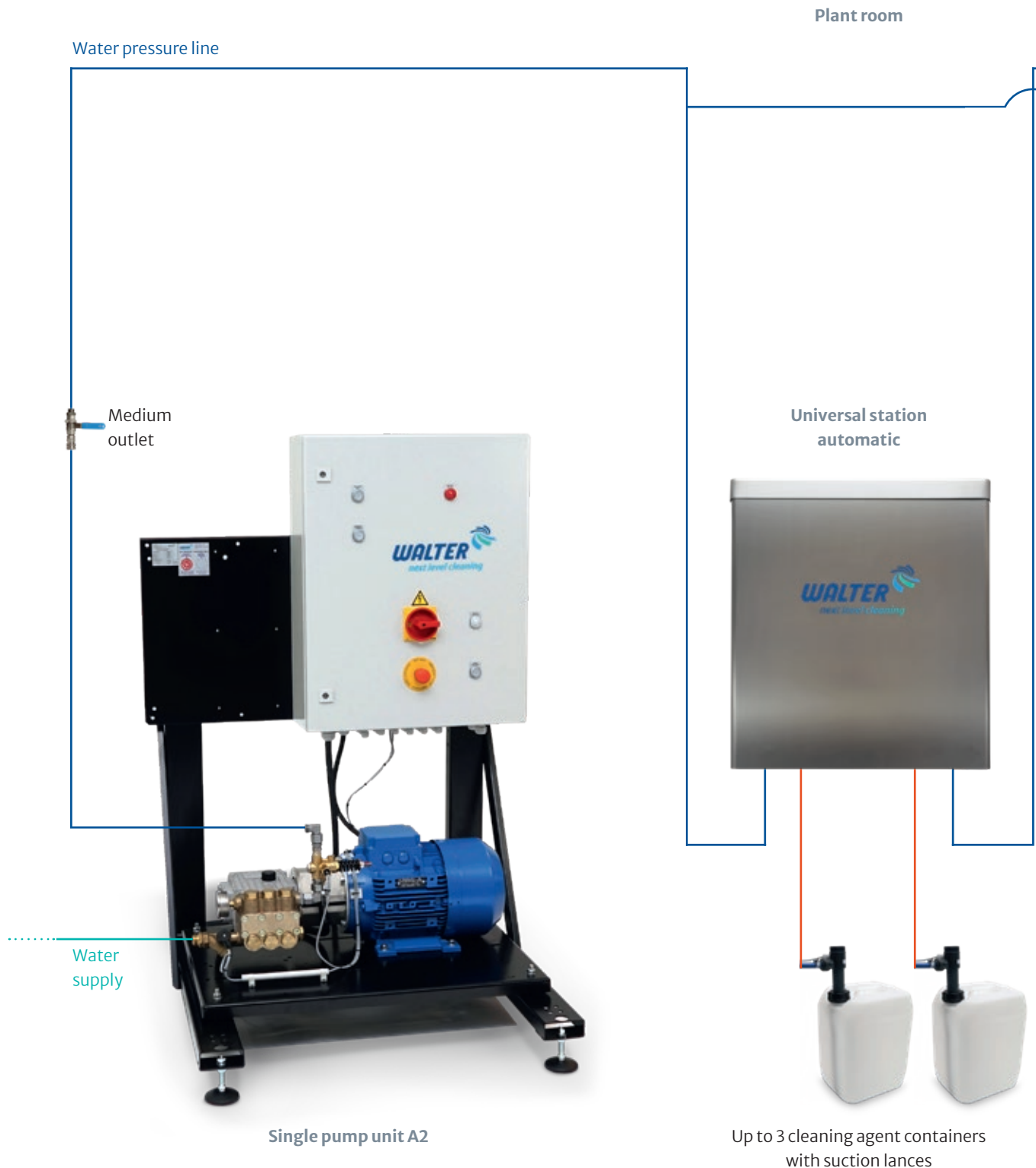
/ Increased work safety

Flexible automation meets „persistent soiling“.

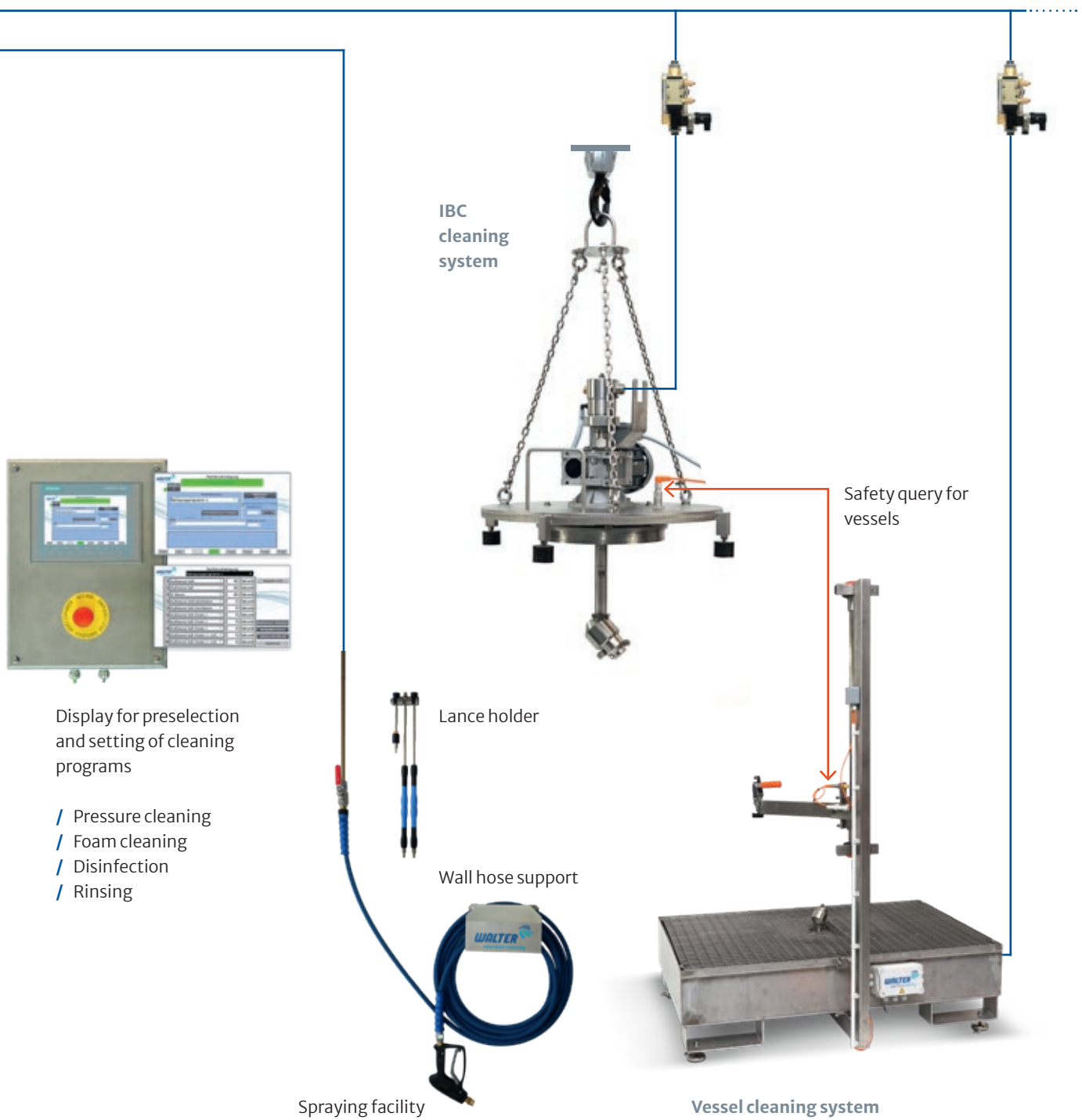


# Walter cleaning systems for container cleaning

## Application example of a vessel/IBC cleaning system with a manual lance workstation







# Modules for container cleaning

## Pump units

It's all a question of balance: When pressure and flow rate fit each other, optimum efficiency is ensured – in both the low and individual pressure ranges. This is exactly what the systems from Walter guarantee, because they combine maximum flexibility with true sustainability. This is ensured by PLC control, temperature control, low water consumption, and pumps which are switched on and off according to the specific needs. For next level cleaning at its best.

- / No circulating water required
- / Optimum balance of pressure and flow rate
- / No more pressure fluctuations



## Dosing of cleaning agents and disinfectants



## Control with formula management

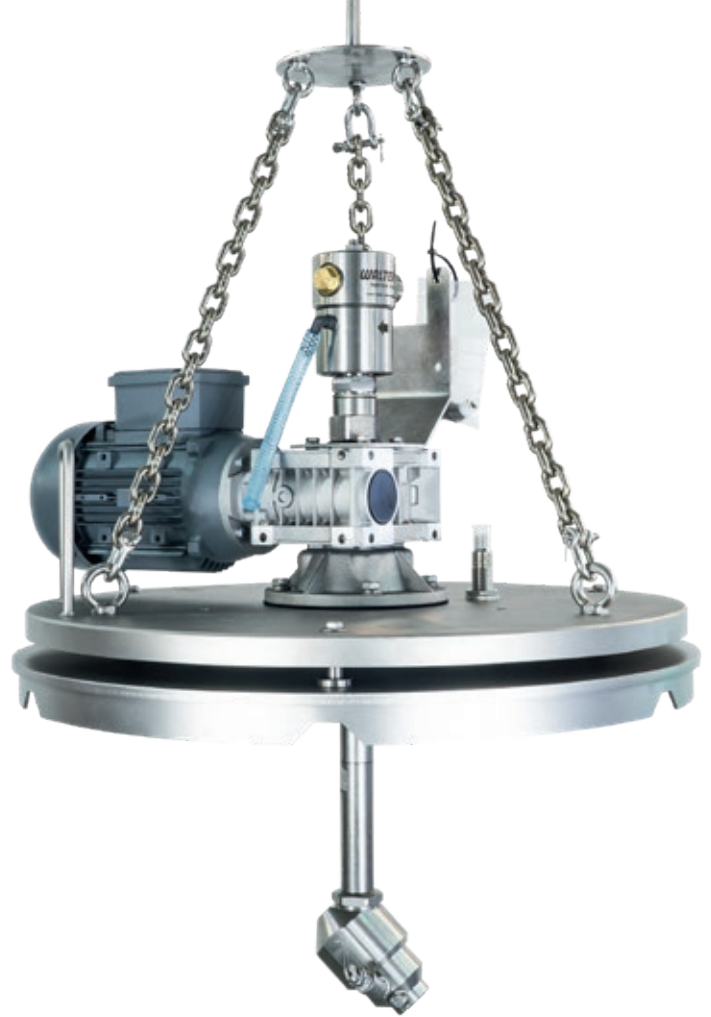




# Nozzle systems

## Container cleaning from above

Containers are one of the most important links in production, they serve for storage of your products and transport in the plant and, of course, to the customer. Their cleanliness has a significant influence on product quality and cleaning is therefore the most important measure for ensuring product quality. One of the main applications is cleaning of containers by means of attachments placed on the opening – cleaning „from above“. Walter offers a range of solutions based on the approved Walter RD3 nozzle system, both for standard containers such as IBCs and for individual preparation and mixing tanks.



## Container cleaning from below

One of the main applications is cleaning of barrels and other containers on a cleaning platform – cleaning „from below“. Walter offers a range of solutions based on the approved Walter RD3 nozzle system, both for standard barrels and for any other containers which can be cleaned upside down.



/ Approved Walter RD3 nozzle system

/ suitable for all container openings  
from 100 mm

/ Use of cleaning agents and disinfectants

/ With attachment control as standard

When the downside  
is shining again, then we  
call it ***next level cleaning***



# Mixer and dissolver cleaning

## Automate cleaning simply

Our rotating nozzle system for containers, mixers and other operating facilities is permanently installed – thus eliminating setup times for cleaning. This allows you to carry out intermediate cleaning in inaccessible areas at any time, benefit from faster product changeover times, and save considerable effort. At the same time, you increase work safety because there is no need to enter the mixer for cleaning. Existing systems can also be easily retrofitted and optimized with our system.

/ Integration of cleaning into the  
production process

/ Optimization of cleaning results

/ Automated cleaning processes



Before



After





# With reproducible cleaning results and full safety, we speak of *next level cleaning*

## A new dimension in quality

With Walter's cleaning systems you can reach a completely new level of economically and ecologically optimized cleaning. Your machines as well as the environment benefit in the long term from these sustainable, high-quality and durable products „made in Germany“.

## Better cleaning, less effort

The environmentally friendly and powerful individual pressure cleaning process is the best choice for you, if you think in the medium and long term. If you use your cleaning equipment regularly, you will benefit from the noticeable cost savings. This is because the hot water in combination with more pressure dissolves soiling much faster, reduces the consumption of cleaning agents and ensures shorter cleaning times as well as less personnel expenditure – with significantly increased hygiene and better cleaning results.

### Aspects



Water consumption



Chemical consumption



Cleaning power



Sustainability



Reproducibility



Durability



Safety



Efficiency



Savings



System conformity

### Automatic cleaning

✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

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✓ ✓

### Manual cleaning

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✗

When foaming is  
done with enthusiasm,  
it's *next level cleaning*

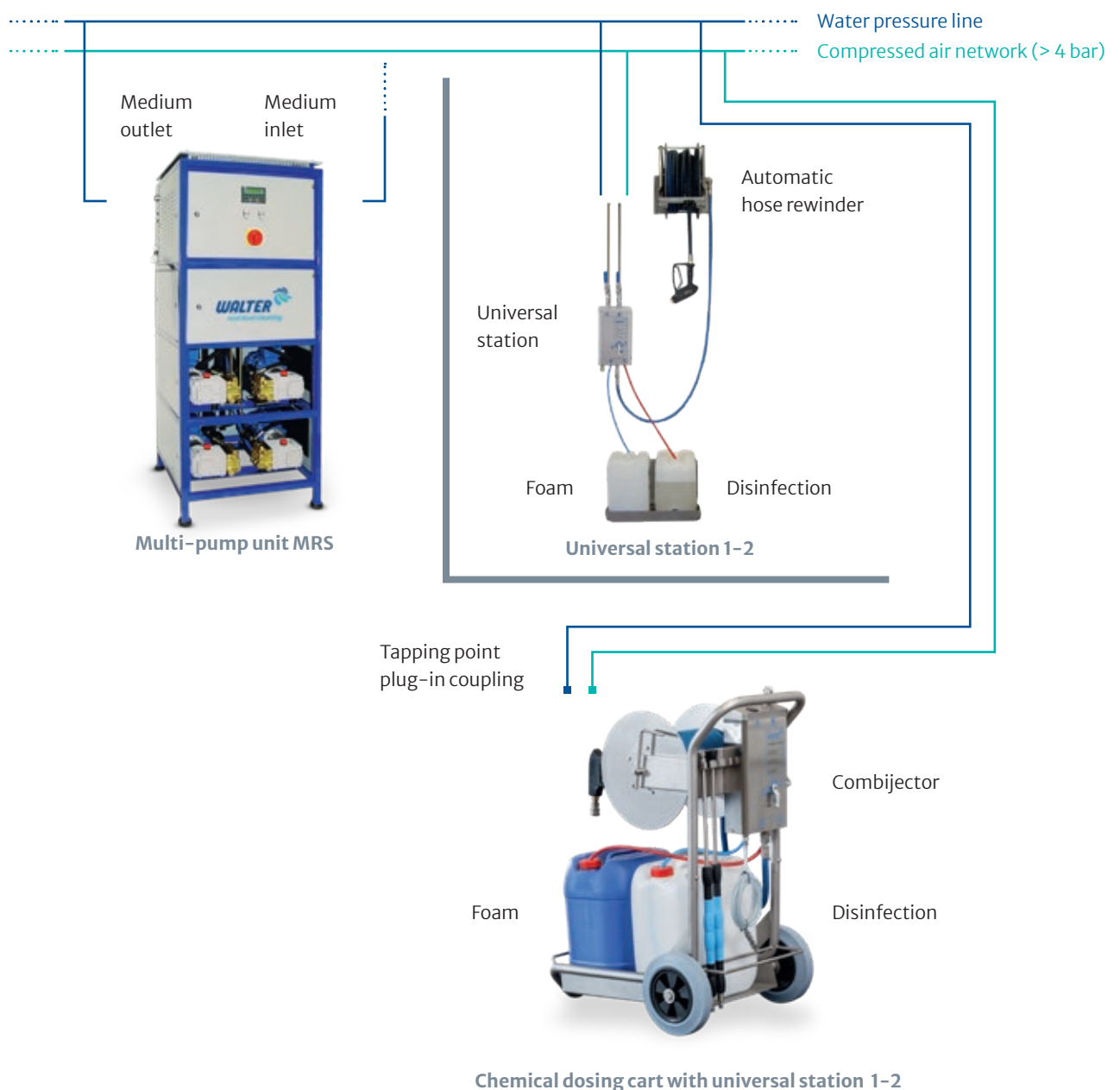




# Cleaning systems from a single source

## Efficient and customized professional cleaning systems

For those who have to clean entire businesses, time and functionality are elementary for the success of the company. Our cleaning technology from a single source ensures exactly that: through central cleaning systems with various tapping points – assembled from our product portfolio or in the form of individual complete cleaning systems tailored to your needs.



# Injector technology

## Combijector

One selector lever, various possibilities: Switch conveniently between pressure cleaning, foam cleaning and disinfection. Self-explanatory symbols simplify the handling, the safety non-return valve prevents chemicals and water from entering the air line. Whether centrally or locally supplied: The units which are entirely made of stainless steel can be used for water pressures of 10–250 bars and take in up to three cleaning products directly from the tank – with fine-pored foam formation and minimized cleaning product consumption.



/ Constant fine-pored foam

/ Robust and reliable technology

/ Chemical dosage infinitely adjustable from 0.5–12 %

## Combijector 1



## Universal station 1-2



# Pump units

## Low, medium and high pressure pump units

It's all a question of balance: When pressure and flow rate fit each other, optimum efficiency is ensured – in both the low and individual pressure ranges. This is exactly what the systems from Walter guarantee, because they combine maximum flexibility with true sustainability. This is ensured by PLC control, temperature control, low water consumption, and pumps which are switched on and off according to the required needs. For next level cleaning at its best.

/ No circulating water required

/ Optimum balance of pressure and flow rate

/ No more pressure fluctuations



A2 belt drive



Single pump unit CNA





When cleanliness and mobility complement each other in perfection, it's *next level cleaning*



# Mobile units

## Various application possibilities

With the mobile all-rounders from Walter, you can reach even the last corner of your production when cleaning. The units combine the functions of pressure cleaning, foam cleaning and disinfection and are ready for operation in just a few steps.

Thanks to our robust high-pressure pumps as well as the approved injectors, you can rely on reliable and durable technology that you can use in a mobile and flexible manner wherever electricity and water are available.



/ Medium and low pressure versions

/ Practical hose rewinders

/ Air compressor for foam generation (optional)

## High silo cleaning



## Mobile pipe cleaning unit





When quality is produced  
non-stop, it is ***next level cleaning***





# Conveyor belt cleaning

## Conveyor belt cleaning

Whether mobile or stationary – our solutions improve the cleaning results of all types of belts, even in hard-to-reach places. And all this without any complicated settings. Easy to operate and ideal for retrofitting and optimizing existing systems, you will experience true next level cleaning.

## Automation module

Program your cleaning processes as you wish: Our products can not only be linked to higher-level control systems, but also ensure that exposure times and chemical concentrations are constantly maintained – for up to three chemicals with individual injectors. Modular programs also allow cost-efficient adaptations and low maintenance requirements are also possible without any problems.

**/ Reproducible cleaning results through automation**

**/ Personnel and time savings**

**/ Savings in water and chemicals**

## Nozzle bar



Cleaning and drive by water pressure from 20 bars

## FAR



Modular cleaning station for up to 14 zones

When high quality  
meets the best advice,  
it's *next level cleaning*



# Top service for over four decades.

*In addition to our traditionally high product quality, fast, reliable service, uncomplicated help, and great know-how have been a matter of course for us for decades. And you as „King Customer“ benefit from this service which is tailored to your needs.*

Because at Walter, we don't just sell high-quality products. We also take care of the following for you, for example assembly and commissioning, timely maintenance, UVV inspections and preventive maintenance measures. In urgent cases, our spare parts service is ready to help. We also provide spare parts and emergency equipment as temporary solutions if required. No matter where you are, our

qualified service technicians are also available to you at any time by means of telephone and video support. In short: We help you and advise you wherever we can to find the right solution for your individual needs. Competent, flexible, honest and service-orientated.





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