

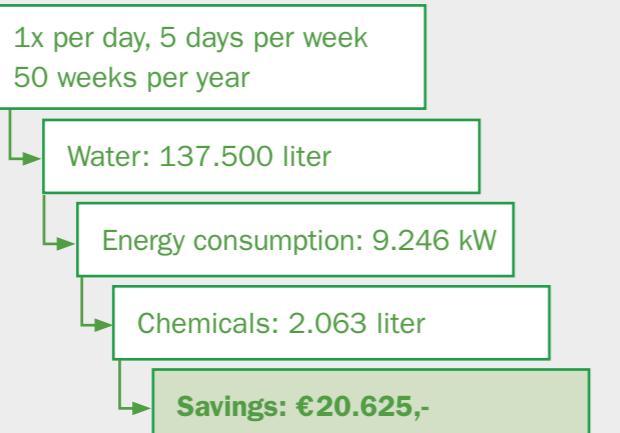
UP TO 30% SAVINGS ON WATER, CHEMICALS, AND ENERGY

OTHER CIP UNITS	VS.	OCTONIQ
Flush 1000 liter		1000 liter
Lye circulation 1000 liter		System volume* +100 liter
Flush 700 liter		1000 liter
Acid circulation 1000 liter		System volume* +100 liter
Last flush 1000 liter		1000 liter

*System volume for example = 650 liter

CALCULATION EXAMPLE OF THE SAVINGS

Calculation example	
System volume	650 liter
ΔT lye	50°C
ΔT acid	65°C
Water	€0,20 m ³
Energy	€0,20 kW
Chemicals	€10,- liter
Other CIP example	1000 liter
OCTONIQ	optimized



ACCESSORIES



LIQUID TANKS

OCTONIQ can be expanded with various sizes of tanks for cleaning or rinsing liquids. Thanks to its modular design, OCTONIQ is easy to integrate into existing setups.



VALVE MANIFOLD

The valve manifold ensures efficient, controlled distribution of CIP flows for cleaning various objects. The hygienic design supports a reliable and safe cleaning process.



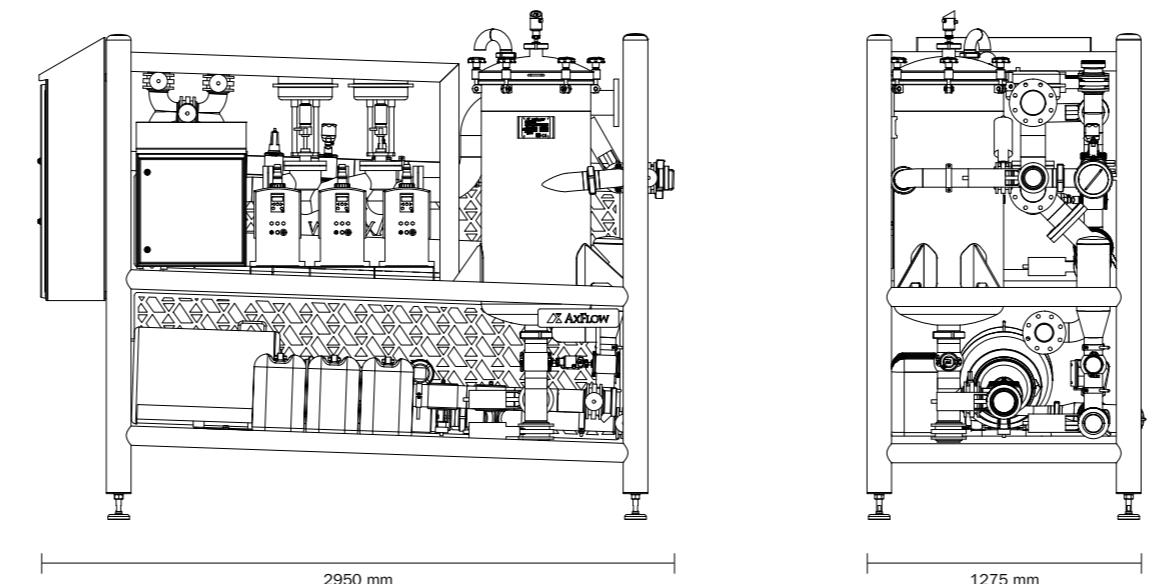
CIP TROLLEY

The compact CIP trolley offers a mobile solution for performing CIP tasks. Equipped with pump and connections, the trolley can be used all across your installation.

OCTONIQ SPECIFICATIONS

	OCTONIQ 40	OCTONIQ 65	OCTONIQ 100
DN sizes of cleaning system	DN10..DN40	DN50..DN65	DN80..DN100
Nominal capacity	5,6 m ³ /h	21 m ³ /h	54 m ³ /h
Nominal head	25 m	35 m	40 m
Required connections			
Electricity	16A	32A	63A
Steam capacity, recommended	600 kg/h @ 5 bar(g)	1560 kg/h @ 5 bar(g)	2370 kg/h @ 5 bar(g)
Steam connection	DN40 PN16	DN65 PN16	DN80 PN16
Compressed air	≥ 6 bar(g)	≥ 6 bar(g)	≥ 6 bar(g)
Materials			
Frame	304 Stainless steel	304 Stainless steel	304 Stainless steel
Buffer tank	316 Stainless steel	316 Stainless steel	316 Stainless steel
Piping	316 Stainless steel	316 Stainless steel	316 Stainless steel
Seals	EPDM	EPDM	EPDM
Communication protocol	Ethernet	Ethernet	Ethernet

DIMENSIONS



Want to know more about how OCTONIQ can improve your process?

Go to www.axflow.de – our sales engineers will be happy to provide you with individual consultancy.

OCTONIQ

CLEANING-IN-PLACE
TURNKEY CIP SYSTEM

Clean. Intelligent. Progressive.

OCTONIQ, the modular Cleaning-In-Place (CIP) system from AxFlow Systems, cleans your installation efficiently, hygienically, and without disassembly. You will save on water, energy, and chemical consumption while enjoying maximum flexibility.

With over 50 years of experience in process solutions, we combine proven technology with smart innovations in our revolutionary Cleaning-In-Place system: OCTONIQ

FLEXIBLE & FUTURE-PROOF

OCTONIQ is modular and therefore easy to adapt or expand. The system is suitable for both small installations and large, multi-line production processes, in new and existing lines. New processes can be added without additional cleaning systems or extensive modifications.

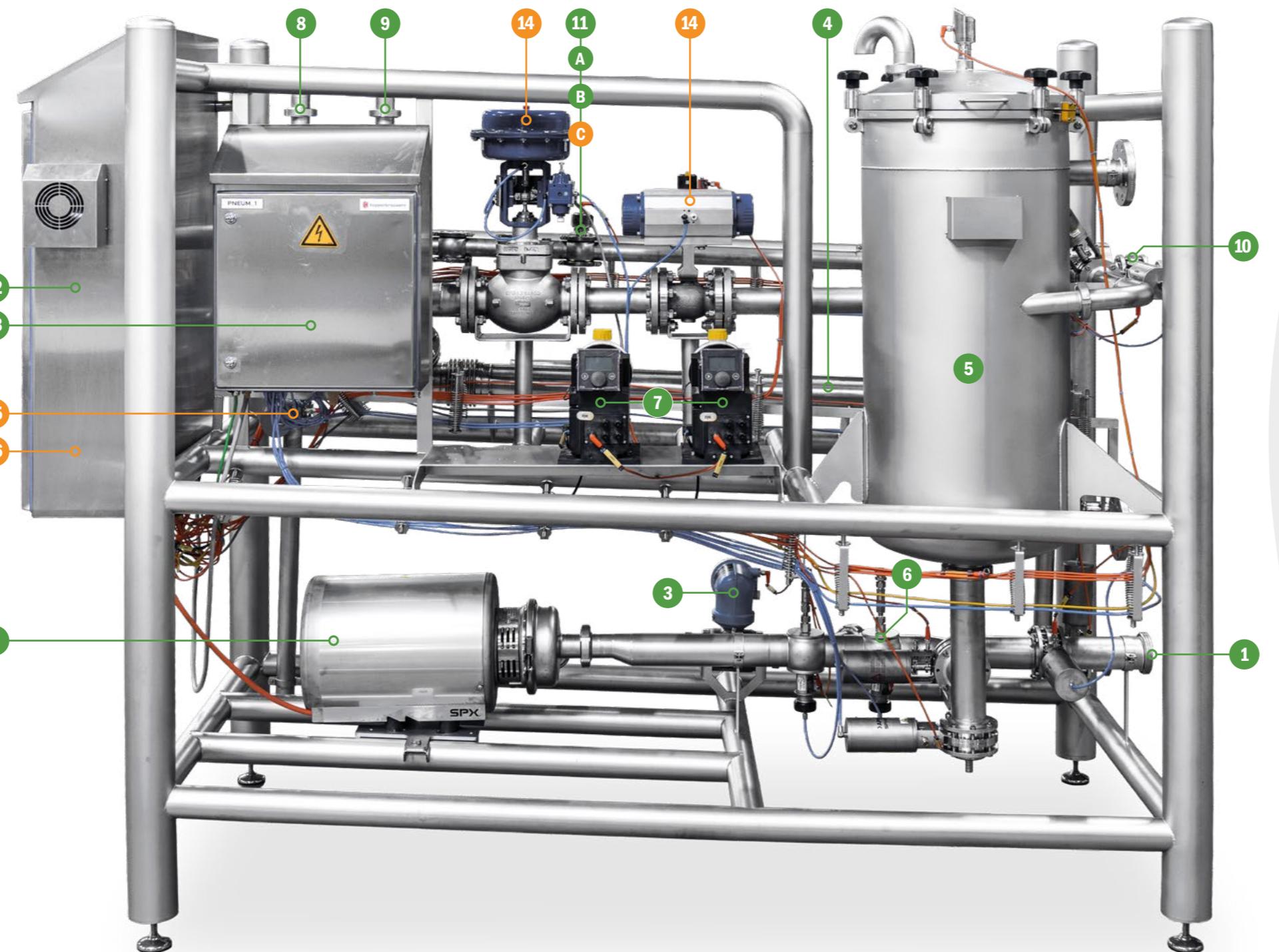
EFFICIENT & SUSTAINABLE

Intelligent fluid management reduces water and chemical consumption by up to 30%, while inline heating quickly brings the fluid to temperature and saves energy. Smart rinsing strategies and shorter soaking times shorten cleaning cycles, allowing lines to start up faster and increasing production capacity. Full automation with a user-friendly interface and central data logging reduces manual work and errors.

HYGIENIC & STANDARDIZED

OCTONIQ is designed in accordance with the latest EHEDG guidelines and features ViwateQ finishing. Self-draining pipes and tanks prevent downtime and dead spaces, thereby avoiding bacterial growth, while 316L stainless steel extends the service life of the system.

All CIP processes are fully logged, including critical parameters such as temperature, concentration, and time, for optimal traceability, quality control, and regulatory compliance.



THE 8 KEY BENEFITS OF OCTONIQ



Lower costs, higher profits

With OCTONIQ you can save up to 30% on water, chemicals and energy. Good for your budget and the environment.



Always up-to-date software

OCTONIQ runs on updated software as standard, via an online connection. Safe, efficient, and ready for the future.



Smart and hassle-free cleaning

Fully automated Cleaning-In-Place with logging of all parameters, so you always have control over performance.



Built for the long term

Robust design in accordance with AxFlow quality standards. Designed to EHEDG guidelines and finished with ViwateQ finishing.



Grows with your success

OCTONIQ is a modular system and scales effortlessly with your process or factory.



European and sustainably produced

OCTONIQ is produced in the EU, with a low carbon footprint. Sustainable and responsible.



Hassle-free maintenance

Thanks to smart accessibility, servicing OCTONIQ is quick and cost-efficient.



Always an expert nearby

Benefit from AxFlow's wide coverage of service, technical support, and fast delivery of spares.

COMPONENTS

- ① Suction port
- ② CIP-pump
- ③ Flowmeter
- ④ Heat exchanger
- ⑤ Buffer tank
- ⑥ Chemical injection
- ⑦ Chemical pump
- ⑧ Discharge port
- ⑨ Circulation port
- ⑩ Tank return
- ⑪ Instruments:
 - ⑪ A Temperature gauge
 - ⑪ B Conductivity meter
 - ⑪ C Clarity meter
- ⑫ Electrical control box
- ⑬ Air control box
- ⑭ Steam regulation
- ⑮ Sight glass (in production)
- ⑯ Communication with external systems via Ethernet

● = Standard ● = Optional

