

# AQUAMAT® S 600 – Tank Cleaning Unit



Suitable for use with hot water



The smallest of our AQUAMAT tank cleaning units impresses with its patented HPS technology, which is also used in our Masterjet rotor jets:

**Low wear and tear**  
due to almost frictionless parts

**Easy handling,**  
flexible application options,  
short set-up times

**Rugged design**  
for simple maintenance  
and servicing

Suitable for  
**small tank openings,**  
especially IBC containers

**High quality design**  
with corrosion resistant  
materials

**Speed adjustable,**  
via eddy current brake

## Performance data:

Tank Cleaning Unit	Operating Pressure	Flow Rate	Tank Opening	Weight
S 600	max. 600 bar	100 l/min*	min. 98 mm	4,9 kg

\*Energy-efficient flow rate with low pressure loss, higher flow rates are possible.

## Different views:



## Particularly suitable for IBC containers



## AQUAMAT S 600 nozzle holder

A special nozzle holder is supplied with the AQUAMAT S, with a particularly compact design allowing access to small openings. Depending on the cleaning task, the nozzle holder can be equipped with 2 or 4 nozzles.

A nozzle holder for use with 3 nozzles is optionally available.

### Connectivity



#### Wide range of high-pressure adapters available:

- Double nipple, reduced, M24 x 1,5 DKOS - G3/8, PN1000, DN8
- Double nipple, reduced, M22 x 1,5DKOS - G3/8, PN1000, DN8
- Double nipple, reduced, M22 x 1,5WGA - G3/8, PN500, DN8
- Reduction piece G 1/2, G 3/8, PN 600, DN 8
- Reduction piece 1/2-14 NPT, G 3/8, PN 1000, DN 6

## The advantages of the AQUAMAT tank cleaning unit at a glance

### Description

Hammelmann tank cleaning units remove deposits and incrustations from the inner and outer walls of tanks and tank installations at operating pressures of up to 1800 bar. The units operate solely using the power of the water jet. Hammelmann offers a wide range of nozzle holders for the various applications. The tank cleaning units can be fitted with one or two nozzle holders.

### Areas of application

- IBC containers
- Internal cleaning of autoclaves, vessels, Euro containers, reactors, agitator vessels, tanks, drying towers etc.
- Decontamination
- Disinfection (in connection with chemical additives)
- Pipe cleaning with special guide sled

### Design features

- Minimum pressure losses resulting in high efficiency
- Focused water jets for maximum cutting performance and distance
- Wear-resistant, infinitely variable braking system. The adjusting mechanism is dirt-protected
- Compact and corrosion-resistant housing
- High reliability due to simple, low-maintenance design
- Freely suspended operation possible

## Further AQUAMAT versions



**AQUAMAT L 1500 PLUS**  
max. 1500 bar  
300 l/min  
11.5 kg



**AQUAMAT XL 1600 PLUS**  
max. 1600 bar  
450 l/min  
18.4 kg

## Special versions available



Pressure resistant



Hot Water  
(85°C)



Pumping chemical  
media possible  
(i.e. alkalis)



Zone 0

Some versions of the Aquamat tank cleaning units are equipped with special properties and were specifically designed for this special purpose.

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