

Tank Washer HR

Innovation!

The model HR revolutionizes the internal cleaning of containers! Due to the newly developed **MOOG water hydraulic gear motor** with **hydrodynamic bearing**, no electric or air motor is needed. The result is a higher security, less wear and a better autonomy for daily use.

The tank washer HR is entirely made of stainless steel 316L and PEEK - and hence conform to FDA. Moreover, the MOOG water hydraulic gear motor is equipped with a maintenance friendly dirt filter.



Working pressure

depending on type **up to 200 bar** (2900 psi)

Water flow rate

depending on type **up to 80 L/min.** (21,1 gal)

Working temperature

< 90° C (194° F)

Variable rotation speed

10 - 30 rpm



The novel functionality and the compact construction will allow for all new application possibilities.

This model can be used for high and even low pressure cleaning. Furthermore, the rotational speed of the spray head can be easily adapted to the customers requirements.

The MOOG tank cleaner HR is available in all current shaft lengths and with all common MOOG spray head types.

**MOOG**
Cleaning Systems
swiss quality

Model HR

Technical data

Materials

Stainless steel 316L / PEEK
Other materials on request

Drive

by cleaning medium

Working pressure

see types

Water flow rate

see types

Working temperature

< 90° C

Shaft length

140*/500/700/1000/1500/2000 mm
Optionally available in other shaft lengths

Applications

The model HR can be used for all kind of containers, tanks, barrels etc. Appropriate to operate with agents.

Mounting position

The mounting position can be chosen freely.

CIP

The model HR is CIP capable, conform to FDA and capable of being integrated into automated cleaning processes.

Consumption

In comparison to conventional cleaning processes, the best possible cleaning result is being achieved with a reduced consumption of water at the same time.

Operating costs

The short cleaning time and the solid construction offer low downtime at reduced costs.

Water connection

M22x1,5

Mounting flange/clamp

Wide range of accessory mountings available or custom-designed fabrication

Options

3 or 4 nozzles (spray head Ø 55/40mm only)
Solvent-resistant seals*
Seals made of EPDM*
Vacuum-resistant**
ATEX certified**

* availability depending on type

** on request

Types

HR

Spray head Ø 55/40mm

Working pressure

Max. 200 bar (2900 psi)

Water flow rate

Max. 50 L/min. (13,2 gal)



Spray head Ø 32mm

Working pressure

Max. 180 bar (2610 psi)

Water flow rate

Max. 30 L/min. (7,9 gal)



HRD

Working pressure

Max. 200 bar (2900 psi)

Water flow rate

Max. 80 L/min. (21,1 gal)



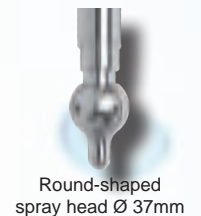
HRK

Working pressure

Max. 180 bar (2610 psi)

Water flow rate

Max. 30 L/min. (7,9 gal)



HRW

Working pressure

Max. 200 bar (2900 psi)

Water flow rate

Max. 50 L/min. (13,2 gal)



HRVC

Working pressure

Max. 200 bar (2900 psi)

Water flow rate

Max. 50 L/min. (13,2 gal)

