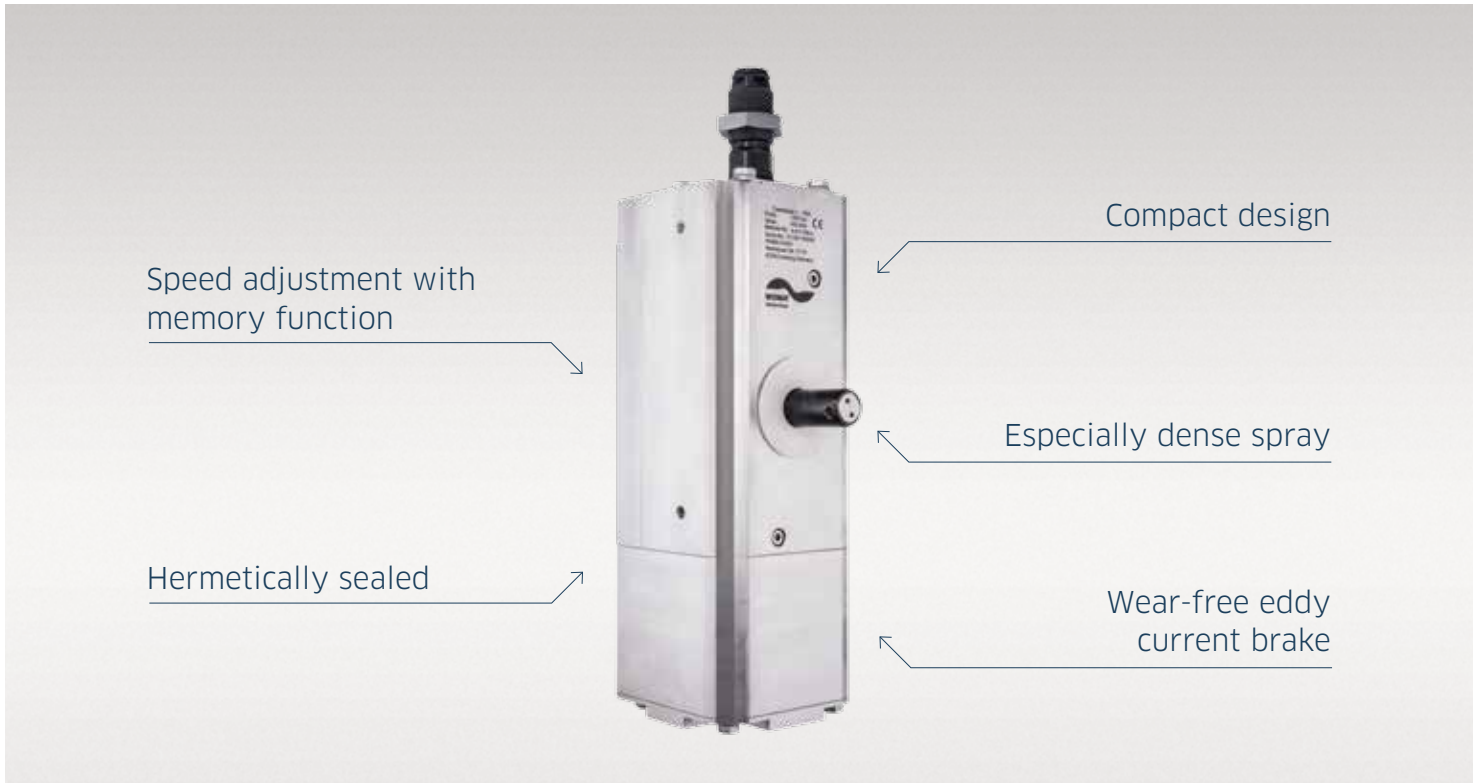




WOMA[®] TANK CLEANING HEADS
PROFESSIONAL HIGH-PRESSURE
SOLUTION SYSTEM.



Oils, fats, caking or deposits? Now, absolutely nothing stays stuck any more. With the TankMaster family, WOMA® provides an especially wide application spectrum for all areas in which all kinds of tanks and containers need to be cleaned in an efficient manner.

Durability, easy handling and perfect cleaning results are the hallmarks of the tank washing heads from WOMA®. They incorporate the experience gained with the proven gear unit design. The densest spray pattern of the entire product group ensures exceptionally good cleaning results in the shortest possible time. The high-quality sealing systems and hardened gears, in combination with housing and high-pressure parts made of high-strength stainless steel, guarantee a long service life and minimise maintenance costs. Not only are the internal components of the TankMaster optimised, but

all attachments such as the flow-optimised rotors are also perfectly adapted for use on complex tasks.

The TankMaster L, the latest addition to the TankMaster family, convinces with additional features. With a flow rate of 400 l/min, this complements the WOMA® TankMaster in the mid-performance range. A speed adjustment memory function saves the defined settings for recurring cleaning tasks. Hermetic sealing of the entire system prevents the TankMaster L from being filled with fluid, even with rising water level in the tank.

Features & benefits TankMaster L

- Speed adjustment memory function
- Hermetic sealing
- Proven wear-free eddy current brake
- Exceptionally dense spray
- Low rate of loss due to large flow diameters
- Internal pressure compensation via a non-return valve
- Flow-optimised rotors

COMPONENTS

Positioning devices

The TankMaster can be inserted into the tank attached to a high-pressure hose or fixed in the manhole opening using a positioning device. When cleaning tanks with a diameter of more than 15 m, the tank washing heads must be inserted into the tank using positioning devices or decentralised service openings. Multiple tank washing heads can be used for tanks with several openings. They can either be freely suspended in the tank or fixed at

any point on it with the aid of a positioning device. A spray pattern as dense as possible of the tank cleaning head and its optimum positioning in the tank – without shadows – is essential for achieving ideal cleaning results and short cleaning times. Therefore WOMA® positioning devices are available with different degrees of automation for all versions of the TankMaster family.

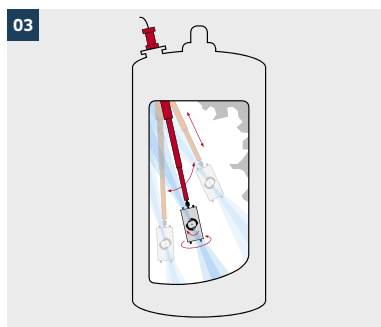
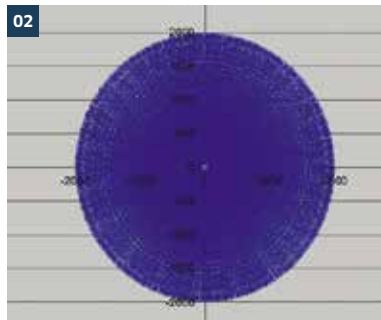
Accessories

With the extensive range of accessories, the TankMaster family can be adapted for all cleaning application scenarios and container geometries. Even tanks of up to 15 metres in diameter can be easily cleaned with attachments such as extension arms. WOMA®'s tank cleaning accessories also include a wide range of rotors, hose connections and lances, stabilisation tubes, and impact protection devices.

Another area of application for the TankMaster family is the cleaning of large-diameter pipes. Whether in a vertical or horizontal direction, the TankMaster, by the aid of a pipe cleaning carriage, ideally adapts itself to any cleaning task.

The well thought-out system of tank cleaning heads and matching accessories offers suitable components for all tank cleaning tasks, and for every container shape, size and accessibility.

FIELDS OF APPLICATION



01_With different rotors and extension arms, the WOMA® TankMaster can be used flexibly

02_The WOMA® TankMaster offers the densest spray pattern on the market

03_WOMA® positioning devices allow to place the TankMaster optimally in containers and tanks

Fields of application and an efficient solution for practically every industrial cleaning task

Interior cleaning is the core task of tank maintenance. Quick and thorough cleaning of storage tanks, reactor tanks, etc., is crucial to ensure that the production process is disrupted as little as possible. The many different tank designs present a challenge for interior cleaning: size, diameter, material, horizontal or vertical orientation, the number, position and size of the openings, the design and size of the agitator. Tank cleaning heads such as the WOMA® TankMaster are the solution to all tank interior cleaning problems.

Gentle and effective with a broad range of applications in every area

- Cleaning of autoclaves in the chemical industry
- Chemical and bauxite industry
- Tanks in explosive areas
- Large-diameter pipe cleaning
- In short, the removal of all types of deposits and caking in vessels, reactors, autoclaves, agitator vessels, silos, containers, tanks, and so on.



**Special requirements or challenging applications?
Get in touch with us!**



01_TankMaster 500/200 EX

02_TankMaster S

03_TankMaster SL

04_TankMaster L

Using high-pressure water of up to 600 l/min at 1,500 bar, the TankMaster family removes even the most stubborn incrustations. With minimum insertion diameters from 125 mm, the compact design allows the self-propelled interior tank cleaning tools to be inserted through even the smallest openings and manholes in tanks or containers. All housing and high-pressure parts are made of high-strength stainless steel. The additionally hardened gears and the high-quality sealing system assure a long service life. The eddy current brake makes it easy to individually set the speed for each application scenario. The TankMaster 500/200 Ex offers an economical and efficient solution for

cleaning hazardous material tanks and other tanks in areas where there is a risk of explosion.

High-pressure water jet cleaning is a gentle and at the same time effective method for removing all kinds of impurities from tanks and containers, even in hidden corners. The requirements for cleaning tank interiors in many different industry sectors are diverse and just as varied as the countless adaptation possibilities of the TankMaster family. Be it a powerful lightweight or multifunctional all-rounder, WOMA® offers a suitable solution for every application scenario.

Technical data					
Type	TankMaster 500/200 EX	TankMaster S	TankMaster SL	TankMaster L	TankMaster XXL
Material number	9.914-584.0	9.899-844.0	9.899-845.0	9.917-766.0	9.913-233.0
Operating pressure (max.)	500 bar	1,500 bar	1,500 bar	1,500 bar	1,500 bar
Flow rate (max.)	approx. 200 l/min	approx. 200 l/min	approx. 200 l/min	approx. 400 l/min	approx. 600 l/min
Medium temperature (max.)	70 °C	95 °C	95 °C	95 °C	95 °C
Smallest insertion opening	ø 125 mm	ø 125 mm	ø 125 mm	ø 185 mm	ø 230 mm
Weight (without rotor)	approx. 12 kg	approx. 13 kg	approx. 7 kg	approx. 25 kg	approx. 32 kg
Dimensions (L × B × H)	95 × 124 × 338 mm	95 × 124 × 338 mm	96 × 124 × 336 mm	117 × 178 × 413 mm	142 × 210 × 467 mm

CONTACT AND SUPPORT

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