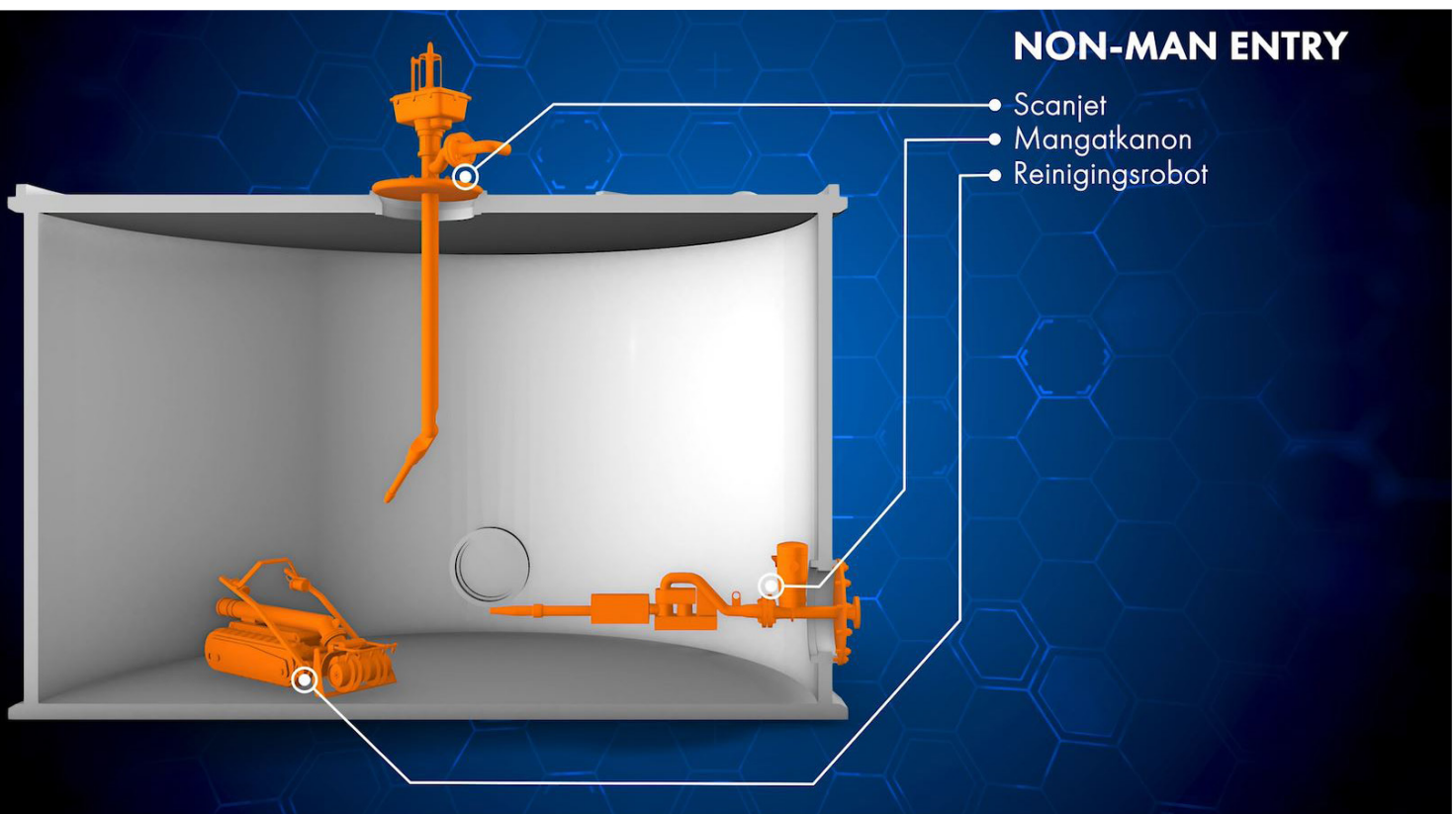


Non-man entry

REYM is an industrial service provider. We support our customers in the field of industrial cleaning, transport and waste management, always acting from our mission 'Industrial Services our concern' and driven by our core values.



Safety is number one at REYM . That is why we are constantly developing safe working methods and protective equipment. Our in-house developed non-man entry system is a fine example of this.

We want our operators to work outside the 'line of fire' as much as possible and we automate hazardous manual work where possible. Against this background, we have developed cleaning methods with which we do not have to enter tanks and / or barrels: the non-man entry system. This way we limit the exposure of our employees to potential risks as much as possible.

With REYM 's non-man entry system, at least 85% of the cleaning can be carried out without entering the tank. Our employees only enter the tank when it is completely safe.

The cleaning is therefore be done safer and faster than traditional tank cleaning. The system consists of three parts that can be used individually or jointly, depending on the pollution and the circumstances.

Scanjet

The scan-jet is a programmable tank washing head with a pneumatic movable lance that is mounted on the tank roof. The tank washing head can clean at an angle of 0 - 140 degrees, works on compressed air and low-pressure water and complies with ATEX guidelines, zone 0.

By making optimum use of the programmable settings of the washing head, a tank can be cleaned efficiently within a short period of time.

Manway Cannon

The manway cannon consists of a hydraulically movable lance and is equipped with a camera. It hermetically closes the manway, so emissions are zero. The lance is operated from the control unit and, if necessary, the cleaning can take place under nitrogen conditions. With a maximum pressure of 30 bar, pollution is evenly and thoroughly removed. The hydraulic arm makes hard-to-reach places accessible. The system is equipped with lighting and a camera so that the operator can check the remaining contamination from the control unit without entering the tank.

Tank cleaning robot

The tank cleaning robot is also operated from outside the tank and is equipped with a camera.

It is equipped with a cutter to transport the product to the nozzle. By adding water under high pressure, the contamination is sprayed loose and is therefore better pumpable. The tracks ensure that the robot has sufficient grip on every surface.

Benefits of non-man entry:

- A safe cleaning method. Employees are not exposed to hazardous substances and work in a safe environment.
- Shorter lead time.
- Good and functional cleaning method with less emission.
- Less wastewater due to regeneration during the cleaning process.
- The different systems can be combined depending on the pollution and the circumstances.

If you would like more information, please contact one of the REYM branches in your region.

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