

• Watersolutions for the

# Horticultural industry



**REMON**  
passion for water



**As a grower, you must always have enough water with a sufficiently low sodium content and low EC. Considering the climate change, the dependency on a reliable source water supply is growing. Remon has all systems available to completely take care of your water supply, and the disposal of your drain water.**

**- From well to**

## **Reverse osmosis**

For decades, Remon has been the specialist in the field of water sources, sewage sources, de-ferrization and membrane filtration. Despite the fact that the Netherlands is a country with a lot of water, sufficient fresh water is not abundantly available. In addition, high quality requirements are also imposed on irrigation water. Therefore, a source is indispensable for horticulture companies. Remon supplies (irrigation) sources with capacities of up to 120 m<sup>3</sup>/h. That ensures that you always have sufficient irrigation water. For your greenhouse, Remon has also treatments for source water available; for example, we supply Reverse Osmosis systems with capacities up to 30 m<sup>3</sup>/h, with self-cleaning strip towers and also deferrization plants for up to more than 100 m<sup>3</sup>/h.



- ✓ Reverse osmosis plants up to 30 m<sup>3</sup>
- ✓ Self-cleaning stripping towers
- ✓ Borehole drilling
- ✓ Deferrization



**- Cost effective solution for your**

## **Purification requirement**

Companies in the greenhouse sector have been subject to waste water treatment requirements since 2018. This must be done by a water treatment plant that is approved by the BZG (assessment committee on water treatment techniques greenhouse industry). Remon's Oxidizer is a water treatment plant approved since 2017, with a treatment efficiency of, on average, 99.7%, and is one of the most economical drain water treatment techniques in the Netherlands.

**- All**

## **Under one roof**

All work and installation is performed by our own experienced professionals. We drill the water source, advise on the correct purification technique, water treatment, and offer you a high quality 24/7 service. Since everything is aligned, you have only one point of contact for all this, and we can make pure water available tailor-made to your needs and at the lowest costs.

- ✓ BZG certified drain water treatment
- ✓ Decontamination systems
- ✓ Beltfilters
- ✓ 24/7 service



Through our years of experience and innovation professionals, Remon is able to offer a suitable solution for every water demand. Whether it concerns a water deferrization plant for your livestock or an EDI for producing ultrapure water. Remon manufactures, supplies, installs and maintains it all.

Ieder van onze waterbehandelingsinstallaties worden op maat voor u gemaakt, getest en geïnstalleerd. Alleen zo kunnen we de kwaliteit waarborgen die wij wensen te leveren. Hiervoor bouwen wij dus alles in eigen beheer, gebruiken wij onze eigen mallen, maken wij onze eigen schema's en programmeren wij zelf de computers en online verbindingen. Een installatie van Remon is dus een kwalitatief samengestelde installatie van hoogwaardige kwaliteit.

## - Our watersolutions for the Horticultural industry

### Borehole drilling

Remon has been a recognized drilling company since 1979. At that time, Remon only had a small drilling rig. However, these smaller water sources are not sufficient for large consumers such as agricultural and industrial companies. Nowadays, our smaller drilling rig is used to drill water sources for small water consumers. Remon has 12 fully automated drilling vehicles (drilling machines) and can therefore drill a water source for you on any terrain. Remon drills to great depths, up to 600 meters.

### Deferrization systems

At Remon, a deferrization plant is an open purification system in which well water (groundwater) is atomized at the top of the filter tower. The presence of oxygen oxidises metals like iron and manganese in the back of the filter package. If the filter pack is saturated over time, the backwash system is automatically activated. A reverse flushing cycle, in combination with gusts of wind, ensures that the filter package is cleaned and ready for further purification. Remon started the production of the first real 'fully automatic' deferrization plant more than 40 years ago.

### Water supply systems

You want to have ample quantities of clean and pure water at any time of the day. That is possible with a plastic PE water tank from Remon. Our plastic storage tanks are light and strong, easy to install and very easy to clean. They are equipped with a spacious manhole, suitable for inspection of the inside of the tank and for maintenance. The RR2000 and RV models from 3000 litres have a manhole of no less than 55 cm!



Our drilling masters



R4000 Deferrization



Water supply systems

Follow us on:



# REMON

## passie voor water

### Membrane filtrations

Remon has been supplying various membrane filtration systems for the desalination of salt (ground) water or for the production of Demineralized water since the beginning of 2000. Born out of necessity and started as pilot projects, Remon has been building its own membrane filtration systems with capacities of up to 30 m3 per hour for over 20 years. These systems find their way in industry, drinking water systems, glasshouses and agro and are often the prelude to ultrapure water via EDI for pharma applications and hydrogen production, for example.

### Oxidizer

Although Remon typically develops and supplies machines that produce clean water at the front of the business process, Remon has also a machine that focuses more on waste water; The oxidizer. The Remon Oxidizer is a purification machine that is capable of much; Due to its powerful UV lamps and dosage of hydrogen peroxide, this machine can destroy virtually all compound organic molecules that it encounters, e.g., various pesticides, but also nitrogen compounds, organic compounds like formaldehyde, urea, humic acids, etc.

### Disinfection

The most professional way of drinking water disinfection is surely UV light. With a professional drinking water UV, the water is shined through with UV light, and any bacteria, yeasts and viruses are sterilized by the UV light with a specific wavelength of 254 nm. This prevents the organism from reproducing and therefore it will die.

### Multi filters/Stripping towers

Since spring water always contains undesirable gases, like methane, carbon dioxide and hydrogen sulphide, proper spring water treatment always requires aeration of the water with fresh clean atmospheric air. In this way, you remove all unwanted odours and gases, after treatment with a membrane filtration system or an ion exchanger, and you ensure that the water is also post-purified on the last traces present, also known as polishing. This is the essence of Remon's Multifilters. In addition, these multifilters can flush themselves, making them also known as self-cleaning stripping towers. This easily removes any slime formation from the stripping tower.



Titan Magnus



Oxidizer



UV light



R710 Multi  
filter/stripping-  
tower

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- **Unequalled Innovators in the field of water**

## About us

We are Remon. An innovative European family business with Northern Dutch roots. We are people with water in our veins, a sober look and feet in the clay.

From our vision and experience, we have been making water for plants, factories, humans and animals for over 40 years. When doing so, we have been copied a lot, but we have never been equalled. We believe it is self-evident that water is vital. That is why we are 24/7 ready to assist in the event of an unwanted water failure and we leave no one in the cold.

- **Everything build in house Installations**

Because we think that only the best is good enough, we often make our plants in-house. Only then, will we get exactly the quality we want to deliver. Therefore, we build everything ourselves, we have our own moulds, we make our own schemes, we program the computers and online connections ourselves, and we place and maintain everything ourselves. This is the only way in which we can always and constantly make water of any desired quality.

“+40 years of experience”

- **Water is our Passion**

## A Solution to every problem

Every situation is unique. Every water plant too. Because no place is the same, every situation requires its own solution. At Remon we understand that.

To be of great service to you, your contact with Remon starts with a conversation with our customer service. From here, you will be brought in contact with our experienced and specialized field representatives. They are able to select the right water installation with you, to ensure that the water meet your needs.

Once the sale is closed, the work preparation will begin and a custom water treatment will be prepared and assembled for you. Then the system is installed, commissioned and turn-key delivered for years of trouble-free purified water.

That is what we mean by **‘passion for water’**



- **These companies already preceded you**



**7 days a week, 24 hours a day national coverage. Real service appears when it's tested. That's why we value our REMON service so much. Not only for the resolution of acute problems, but also with regards to the long-term service for the installation(s) at your company.**



**- At all times**

## **Well-functioning water treatment systems**

At Remon Water Treatment, we understand how crucial well-functioning water treatment systems are for your business. Our dedicated service advisers and technicians are 24/7 ready to help you, among other things at: periodic maintenance, repairs and upgrades and water quality analyses. Like this, Remon ensures that you have a well-functioning water treatment system that you can rely on at all times.

**- Remon offers**

## **Security for everyone**

### **Reliability of supply**

Every day, numerous REMON water treatment plants leave our production department. For your service that means: genuine spare parts are always in stock – usually also in the service cars – and, in the event of a failure, your plant can be put back into service quickly.

### **Maintenance of other installations**

Even if you have purchased an installation from another supplier in the past, do not hesitate to contact us for both maintenance and faults. The Remon staff are highly trained and familiar with all water treatment plants available on the European market and often have the parts in stock as well.

### **Maintenance contract**

Remon has a tailor-made maintenance contract for each type of installation. This prevents intermediate failures and keeps your water quality excellent. Remon only works with genuine Remon parts. At each service interval, the latest software is loaded. This keeps the control up to date. If your Remon installation remains original, the plant also retains a higher trade-in value. Are you interested in a customized maintenance contract? Then please contact us. We will send you a maintenance contract without obligation.

- ✓ National coverage
- ✓ 24/7 service
- ✓ Excellent warranty and service
- ✓ Over 40 years of experience
- ✓ Maintenance of other water treatment plants is also possible



For the assembly and installation on site, we and our partners work with highly trained professionals. Accurate, reliable and always with a listening ear, they work for/with an excellent product: ALWAYS GOOD WATER

**- Remon thinks these services are also Obvious**

### **Warranty**

*it's a good feeling to get a year's factory warranty. But it is even more pleasant to know that our plants work long, robustly and nearly always fault-free.*

### **Trade-in existing water treatment plant**

*Do you own a water treatment plant? Remon gives you a fair trade-in price for your existing purification.*

**Visit our website [www.remon.com](http://www.remon.com)**