

MIVANOR

WASTEWATER TREATMENT



The primary choice for wastewater treatment

Mivanor AS offers innovative and high-quality solutions for treating industrial wastewater.

WE PROVIDE A TOTAL SOLUTION – INCLUDING:

- Design and engineering
- Manufacturing of the treatment system
- Installation and operational training
- Operational support and service

The company was founded on a self-developed treatment method based on magnetism – a technology called Magnetic particle separation. After designing and delivering a solution for treating leachate from landfills, the team recognized that the same technology could be adapted to industrial wastewater from a variety of other industries.

The development of our unique treatment solution has created a solid knowledge and understanding of how to treat different kinds of industrial wastewater. Our team is determined to ensure that our customers benefit from this knowledge.

Mivanor is ISO-certified in accordance with quality, health, safety and environmental standards.

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MIVAMAG™

The MivaMag™ treatment solution removes environmental pollutants and heavy metals from industrial wastewater with magnetism. The treatment plant consists of the «two-in-one» system called Magnetic particle separation.

The pollutants are removed from the water at the same time as the sludge is dewatered. This is done without the use of a filter or an extra dewatering unit. This results in a compact system with high capacity and cost-effective treatment.

- Water capacity: up to 40m³ per hour per unit
- Automated system with remote control
- Easy-to-monitor treatment process
- Compact
- Low operation costs

The treatment plant is delivered in modules but can also be delivered as a be built-in solution to fit into the customers facilities.

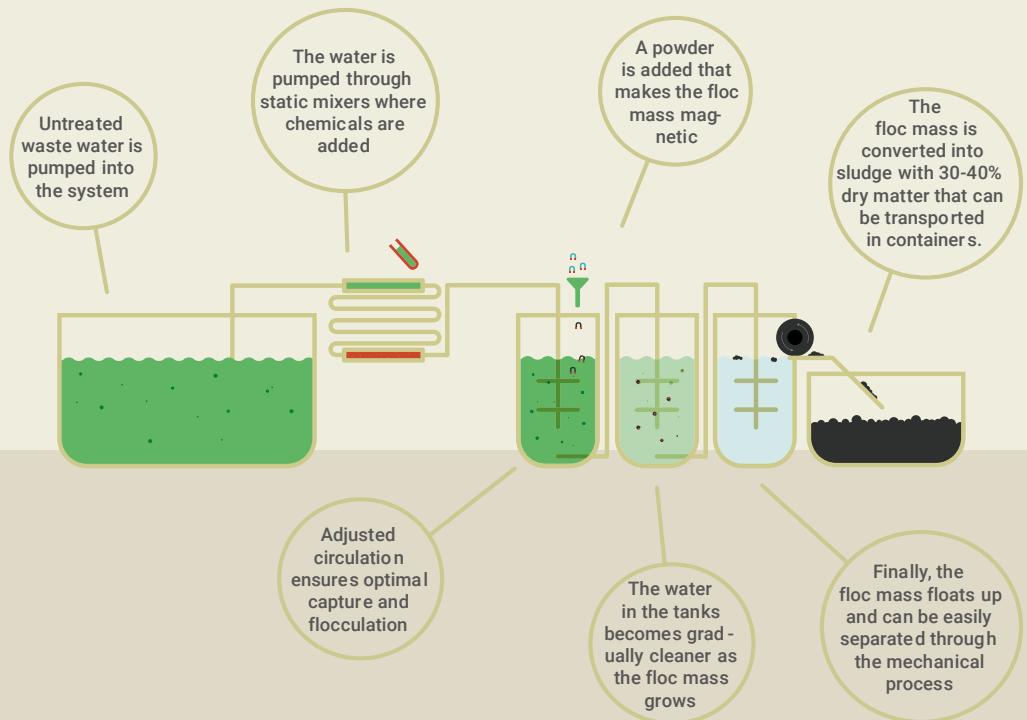


TECHONOLGY

WHAT HAPPENS WITH THE POLLUTANTS AND HEAVY METALS?

- Pollutant particles in the water have an ionic charge
- The coagulant neutralizes the pollutant particles
- Adding a flocculant creates larger particles; flocs
- A powder is added to make the flocs magnetic
- The water is rinsed and dewatered through a magnetic drum

HOW THE MIVANOR TREATMENT SYSTEM WORKS



**Hålogaland
Element**

www.halogaland-element.no

Vi leverer
modulene
til Mivanor



TREATMENT EFFECT



THE DIFFERENCE BETWEEN UNTREATED AND TREATED WATER IS VISUAL, AND TYPICAL TREATMENT RESULTS IN MAIN CATEGORIES OF POLLUTANTS ARE:

- 50-70% reduction of organic pollutants
- 25-95% reduction of heavy metals
- 80-90% reduction of phosphorus
- 70-90% reduction of suspended substances

To ensure that our delivery will fulfil the requirements set by the customer, we perform a small-scale experiment on water samples provided from the customers facilities.

The experiment will give our team a good estimate of the treatment results, and also give the customer a proper estimate of the operation costs, prior to a system being ordered.

En ledende global kjemisk distributør

Som din lokale partner er vi ditt bindeledd til det globale kjemimarkedet - fra distribusjon og logistikk til tekniske og forretningsmessige løsninger fra over 2500 av verdens ledende produsenter.

Vi kjenner dine lokale markeder

Med dedikerte leverandører og samarbeidspartnere bistår vi med produktinnovasjoner for et bredt utvalg av produkter. Med vår kunnskap innen kommunal og industriell vannbehandling har vi som mål å forbedre og effektivisere rensing av vann og behandling av slam. Dette oppnår vi gjennom et tett samarbeid med våre kunder, utstyrsleverandører og konsulenter.

Vi tilbyr produkter i et mangfoldig utvalg av sektorer, inkludert:

› Fellingskjemikalier › Flokkulanter › Karbonkilder › Silikater › Klorider

www.univar.com/EMEA



AUTOMATION



The process is visual and easy to monitor for the local operator, and the process is fully automated and remote controlled. Our team have access to and can monitor

the effects of the water treatment, and have complete knowledge about the performance of the system.



PRODUKTER OG TJENESTER INNENFOR AUTOMASJON OG ELEKTRO

- Styresystemer • Maskinvision og kamerasystemer
- Robotisering • Instrumentering og kalibrering
- Veiesystemer • Motordrifter og frekvensomformere
- Rådgivning og engineering
- Egenutviklede automasjonsprodukter

avanti 
ENGINEERING

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TOTAL SUPPLIER

Our goal is to broaden the range of industries that benefit from our water treatment systems, and offer a high-quality waste water treatment to all our customers.

Mivanor therefore continuously focus on research and development of our products – to improve existing solutions, and ensure that we always provide a high-quality treatment solution.

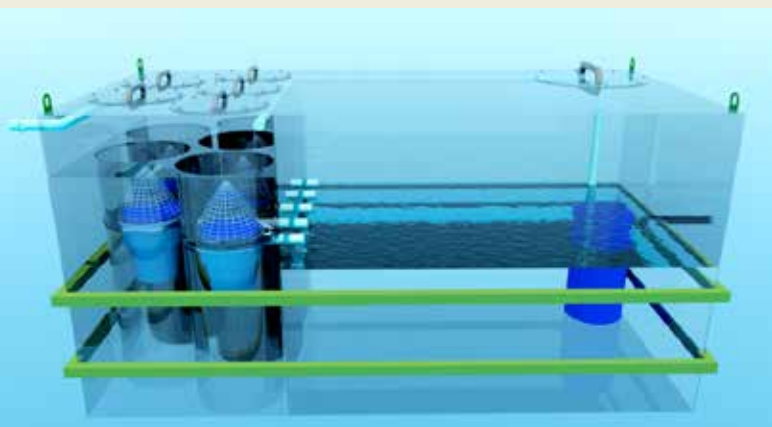


WE PROVIDE A COMPLETE SOLUTION – INCLUDING:

- Design and engineering
- Manufacturing of the treatment system
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We will be happy to offer you a small-scale test and analyses on a sample of your wastewater.

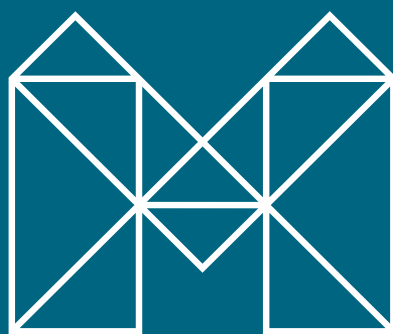
OTHER PRODUCTS



In addition to MivaMag™, Mivanor has developed various complementary water treatment products. They can be used in combination with the MivaMag™, or as a stand-alone solution for specific wastewater challenges.

[CLICK HER TO SEE MORE OF OUR WASTE WATER TREATMENT PRODUCTS](#)





MIVANOR

WASTEWATER TREATMENT

ASK US ABOUT WASTEWATER TREATMENT

Want to know more about how our treatment systems can ensure you a safe water emission?

Contact us at post@mivanor.no or by phone + 47 952 11 919 to discuss treatment of your wastewater. We will be happy to offer you a small-scale tests and analyses on a sample of your wastewater.

HEADQUARTERS:

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Norway



R&D AND LABORATORY:

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4321 Sandnes
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