

CLEANTECH SOLUTIONS for offshore industry



*Cleantech Solutions.
Anywhere.*

Vacuum collection
Wastewater treatment
Ballast water management
Fresh water generation
Marine growth prevention
Dry and wet waste treatment
Corrosion protection



Evac Complete Cleantech Solution

Evac is the world's leading provider of integrated waste, waste water and water management systems for the marine industry. Our Complete Cleantech Solution covers all your needs from vacuum collection and wastewater treatment to food waste management and fresh water generation. We also offer reliable ballast water management systems, hull corrosion protection systems and marine growth prevention systems for seawater pipework. This one-stop-shop offering is what sets us apart from our competitors.

One supplier, many benefits

Ship owner – operation and maintenance

- Similar user interfaces and technologies make crew training easier and more efficient
- Smooth and efficient system integration, management, and troubleshooting – all Evac systems can be monitored and controlled from the ship's main automation system using a single common interface
- Single point of contact for aftersales service and spares
- Efficient spares procurement and logistics
- Competitive pricing and more predictable costs
- Reduced need for spare parts, and therefore lower inventory costs, as systems use many of the same components.

Shipyard - shipbuilding and planning process

- Fewer partners means easier communication and saves time on project coordination
- Simplified system integration, and single point of contact for all system integration issues
- Fewer critical interfaces between different systems.



Become familiar with our references available on our website www.evac.com/references

We know your industry

We are experts in systems developed specifically for the marine and offshore industries. Our 40-year history has produced an outstanding customer reference record. Our products meet the strictest performance-, safety-, and documentation requirements of your industry.

Evac tech specialists support you

Offshore requirements vary widely depending on the type of vessel or rig, operational area, and applied standards. Evac technology specialists design and manufacture systems to fit your needs and comply with specifications and standards such as NMA, NMD, NORSOK, ATEX and IECEx. We are an innovative forerunner with 130 patents granted or pending. Our in-house product development department is dedicated to the design of new systems and the evolution of existing models. Our technology specialists support our customers' engineering departments to find the best, most cost-effective solutions for each specific need. Our safe, durable, and rigorously tested solutions deliver cost savings via uninterrupted operations and lower maintenance costs.

Tested and certified solutions

Our systems meet the world's most stringent marine discharge standards both of today and the predictable future. Our solutions are certified according to IMO MEPC.227(64) and IMO MEPC.244(66) and are applicable for the latest international environmental regulations, the IMO MEPC.200(62) Baltic Sea and Alaska regulations.

Evac systems produce treated water of such high quality that our wastewater treatment systems may be operated in Environmentally Sensitive Sea Areas (ESSAs) and Special Areas (SAs) defined nationally or internationally, where special discharge restrictions apply. Our dry and wet waste handling systems are designed according to IMO Marpol Annex V.



Evac has received the ISO 9001:2015 Quality System Certificate, ISO 14001:2015 Environmental Management System Certificate and the OHSAS 18001:2007 Occupational Health & Safety Management Systems certification.



Evac Complete Cleantech Solution

Examples of provided systems:



Evac vacuum collection units
Energy-efficient, small footprint and lightweight systems that are easy to use and also suitable for retrofitting.

Evac Optima vacuum toilets
The most silent toilet on the market. Includes innovative features such as vacuum guard, flushing memory, hygienic auto-flush and soft closing seat. Product family also includes a vacuum urinal.



Advanced membrane bioreactor (MBR)
Compact design with excellent treatment results. No chemicals needed in normal operations. Low power and maintenance needs. Meets US Coast Guard standards.

Electrolytic sewage treatment plant
Chemical free process that is practically sludge free. Compact and light making it ideal for retrofits.



Evac Evolution ballast water management system
Based on a combination of filtration and UV technology, the system is now in the final stages of achieving revised IMO G8 and USCG Type Approval (status 12/2018). Automatically adjusts to different water conditions for precise dosage and power savings.



Integrated Evac systems support easy operation, supervision and maintenance.



Macerating vacuum food waste system
Easy-to-maintain system includes smaller piping, bringing repair and space benefits. Technology prevents cutlery from entering system.

Incinerator
New generation moving grate incinerator with high energy efficiency due to optimized burning process, compact size, and highest burning capacity on the market.

Waste briquetting unit
Used for mixed waste or for briquetting recyclable material like tin or cardboard to reduce volume of stored dry waste. Briquettes easy to handle: transport to shore or burn on board with our incinerator.



Reverse osmosis unit
Fully-automated, highly efficient system producing technical water quality with low operating costs. Good pretreatment extends membrane lifetime.

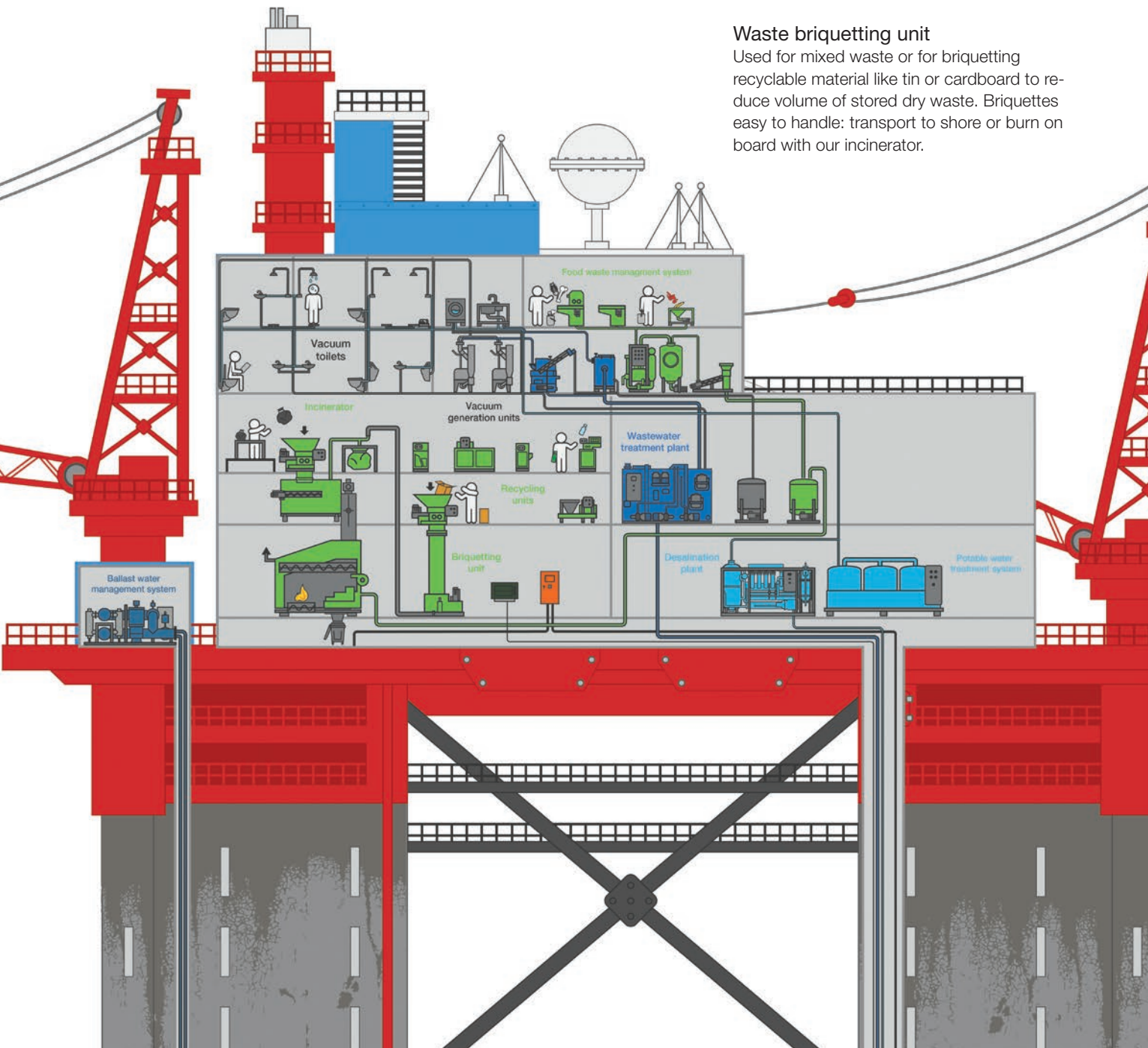
Potable water treatment systems
Photometric measurement system for chlorine. Highest accuracy versus amperometric systems.



Marine growth prevention system
Prevents blockages caused by bio-fouling in seawater cooling lines. Copper anodes produce ions which prevent larvae from settling, whilst aluminium ions create an anti-corrosive layer inside pipes. Concentrations of copper are just 2 ppb causing no harm to the wider marine environment.



Corrosion protection units
These reliable and technically advanced ICCP systems, significantly reduce the cost of hull maintenance over the lifetime of the vessel. A range of diver changeable anodes and reference electrodes are available to suit all hull profiles with power provided by thyristor control panels.



Service

Close to you where ever you travel

We are your global service partner throughout the life-cycle of your vessel or rig. We have service hubs in North America, Northern Europe and Southern Europe. We offer a wide range of spare parts and exceptional service through our extensive global network of offices and representatives.

We support our stakeholders by providing:

- Engineering and technical advice
- Supervision
- Installation and start-up
- Service and repair
- Service contracts
- Refurbishment and retrofit
- Spare and replacement parts
- Training and education
- Onboard system and spares analysis.





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Evac offices and
representatives

● Evac office
■ Evac representation

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treatment



Ballast
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management



Fresh water
generation



Marine
growth
prevention



Dry and
wet waste
treatment*



Corrosion
protection

Evac is the world's leading provider of integrated water and waste management systems, as well as corrosion-protection systems, for the marine, offshore, and building industries. Our cutting-edge solutions and services have been helping leading global players in these industries to significantly reduce their environmental footprint for 40 years. With offices in 14 countries across four continents and representatives in more than 70 countries, we pride ourselves on being close to our customers wherever in the world they are located.

* Solutions for
building industry
customers are
sold by Bvac

Our contact information at
www.evac.com/contacts

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