CLEANTECH SOLUTIONS for cruise vessels

- 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-, wastewater- and water management systems for the marine industry. Our Evac Complete Cleantech Solution covers all your needs from vacuum collection and wastewater treatment to dry and wet 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

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.

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.

We know your industry

We are experts in systems developed specifically for the marine industry. Our 40-year history has produced an outstanding customer reference record.

Evac tech specialists support you
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.


Evac advantages
- We are a complete integrated solution provider
- Our in-house engineering department tailors solutions to your needs
- Evac systems are approved globally and are suitable for sensitive areas
- Global service network ensures fast service when required
- Wide range of spare parts.

Reliable refit partners
We have considerable experience in refit projects which are often carried out to comply with new regulations or vessel operating areas. Through careful planning and the customization of systems to fit within existing areas, we provide solutions which result in faster project execution during ship operation.

Tested and certified solutions
Our solutions are certified according to IMO MEPC.227(64) and IMO MEPC.244(68) 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.

We are the global leader in the cruise business.

Become familiar with our references available on our website www.evac.com/references
Evac Complete Cleantech Solution

Examples of provided systems:

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

- **Incinerator**
  State-of-the-art 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.

- **Evac Complete Cleantech Solution**
  The integrated Evac solution with an intelligent automation system assure easy operation, supervision and maintenance.

- **Optima 5 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.

- **Evac EcoVac vacuum unit**
  This energy efficient, high vacuum capacity, and innovative vacuum stabilizing system is easy to upgrade when necessary.

- **Evac Evolution ballast water management system**
  Based on a combination of filtration and UV technology. In the final stages of achieving revised IMO G8 and US Coast Guard Type Approval (status 03/2019).

- **Marine growth prevention system**
  Eliminates blockages caused by biofouling in seawater cooling lines. Copper ions prevent settlement of larvae and aluminium ions suppress corrosion inside pipes.

- **Corrosion protection units**
  These reliable and technically advanced ICCP systems significantly reduce the cost of hull maintenance throughout the lifetime of the vessel.

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- **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**
  Guarantee excellent drinking water quality. In compliance with WHO.

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Service

Close to you where ever you travel

We are your global service partner throughout the life-cycle of your vessel. 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.
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