

COMPANY PROFILE

MARINE & OFFSHORE

INDUSTRY

ENVIRO-CLEAN

DEFENCE & FUEL

UTILITY

PROVEN TECHNOLOGY

DESMI

PROVEN TECHNOLOGY

PROVEN TECHNOLOGY - The two words describe the commitment of DESMI within our field of operation.

DESMI pumps are characterised by first-class design and are recognised by our customers as being reliable, efficient, and functional. Our product quality, ability to adapt solutions, and a high level of technological expertise are all factors that make us a serious partner focused on the environmental footprint, energy optimisation, and corporate social responsibility.

DESMI

Founded in 1834, DESMI is one of Denmark's oldest companies and we are proud of having a long history and a strong foundation supplying good, reliable and sustainable solutions, maintaining an innovative approach supplying to the global market.

In recent years, we have received various awards, e.g. the Globalization Prize, Entrepreneur of the Year and the Danish Export Association's Annual Member award. The selection committees have included these highlights in their reasons for nominating DESMI: Very quick implementation of an innovative business concept; high growth in export turnover; strong networking, both nationally and internationally, and finally our strength in showing the courage, the will, and the ability to embrace the global market.

We have what we believe is the right mix of hard work, skills, perseverance, and timing. Factors that are all vital in the daily work, growth, and success. Combined with our overall strategies we are leading DESMI to the Next Level.

We consider ourselves a dynamic company with a solution-oriented approach focusing on our customer's needs, be it pump solutions or systems for any kind of liquid handling and environmental equipment for the recovery of oil spills, plastic, and trash.

Our mission is to develop, manufacture, sell, and service pumps and pumping systems, environmental equipment, and special products related to these areas - meeting the needs of customers around the globe. With this in mind, we are pleased to serve you.... now and for the years to come.



Henrik Sørensen
Group CEO



THE DESMI VISION

“By focusing on customers’ needs, it is our vision to generate further sustainable and viable growth in activity and profit, operating as One Global Company”

DESMI has specialised in the development, manufacture, sale, and service of pumps and pumping solutions for Marine & Offshore, Defence & Fuel, Industry and Utility incl. environmental equipment for oil spill, seaweed, and clean waterways. We are operating globally, but acting locally.

Our product range - completed by products from other leading, world-class manufacturers – is complemented by related services such as the design and installation of pump systems and after sales service through our network of service centers.

The DESMI pumps and systems are sold to more than 150 countries via a worldwide network of subsidiaries and distributors that include 30 DESMI offices at 19 locations

all over the world, a foundry in China, and distribution centers and factories in Denmark, USA, India and China.

In order to meet the customers’ demands for more complete systems, we are providing solutions and systems as well as single standard pumps and components.

Green technology and environmental consciousness in general are very important topics to us, and all our products are manufactured in compliance with the present regulations. Consequently, environmental considerations play an important role when we choose materials for our products and optimize their operational efficiency.

With focus on the individual needs of our customers, we are providing solutions based on proven technology.

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MARINE OFFSHORE

Thousands of DESMI pumps and systems are at work on the seven seas, and these pumping solutions are living proof that our customers are satisfied with the performance of our products.

Energy Efficient Engine Room & Offshore Pumps

DESMI offers more than 100 pump designs and variations, covering all applications of the engine room and ensuring that you will always get the right pump for the job. The pump range includes centrifugal pumps and gear pumps. DESMI pumps are designed for high efficiency, thus consuming lowest power possible.

DESMI 48 - Fast Track

DESMI 48 is a fast track service concept which means that we can supply a wide part of the pump program adapted to your specifications and painted in your color within two working days.

OptiSave™ Energy Saving System

More and more vessels are equipped with the DESMI OptiSave™ energy saving system where fuel can be saved by optimizing pump and fan speed to current conditions.

Pumps for Free

DESMI offers a cash flow neutral investment concept for energy saving solutions for shipowners who want to energy optimize their vessels where the savings are used to pay for the investment.



For more than 60 years, we have supplied marine pumps to the world's fleet - from the largest container ships to the smallest fishing vessels.

Regardless the size of the ship, we know the owners' demands for many years of trouble-free operation, for both marine and offshore installations.

Scrubber Pumps

Our Super Duplex stainless steel and NiAlBz pumps are designed for pumping aggressive chemical liquids in exhaust gas cleaning systems.

Cargo

The NDW pumps from DESMI are energy efficient and well proven for pumping LPG, LEG, chemical and CO₂.

Fine-Fog™

Fine-Fog™ is a fixed water based fire fighting system for local application, developed to suppress or extinguish fire at an early stage before releasing the total flooding system. Fine-Fog™ is approved by the major recognized classification societies.

Ballast Water Management Systems

We are providing fully approved and certified ballast water management systems that meet the IMO and US Coast Guard requirements without any need for adding chemicals or additives. Our systems named CompactClean are developed for being easy to operate, effective in any water salinity (salt, brackish or freshwater) or temperature, and with the smallest footprint in the industry.





INDUSTRY

Chocolate

Half a century of experience in the production of pumps for the chocolate industry and close collaboration with some of the leading producers of plants have resulted in unique pumps that meet the high requirements for careful treatment of chocolate products.

Asphalt & Bitumen

DESMI has a full range of different pumps and matching equipment supporting the handling of bitumen products. Including unique features suited for today's needs and new polymer-based formulations - we have the solution.

Sugar & Molasses

Our pumps are used for pumping different sugar products from cane and beet juice to molasses and finished sugar solutions.

Isocyanate

The leading isocyanate producers are recommending our magdrive pumps as they have been successfully used for a long period of time in many different applications.

Oil Blending

We are one of the leading suppliers to global EPC oil blending projects. Our pumps are used for field gathering, tank circulating, crude oil treating, and high-capacity terminal applications.

Soap & Detergent

Special product features are necessary for being a supplier within this field of the industry. We have the products asked for - and thousands of pumps in operation.

Paint & Ink

For decades our pumps have been used in the paint and ink industry - not least thanks to the magnetically coupled design, ensuring less downtime and lower operating costs.

Pulp & Paper

We have the products and the field experience necessary to be the first choice supplier of positive displacement pumps for the pulp and paper industry.

Aquaculture (Fish Farming)

Pumps from DESMI have been used for fish farming for more than 30 years and, our knowledge of materials for both fresh and seawater means that you will get highly efficient pumps which can help to reduce production costs throughout the process.

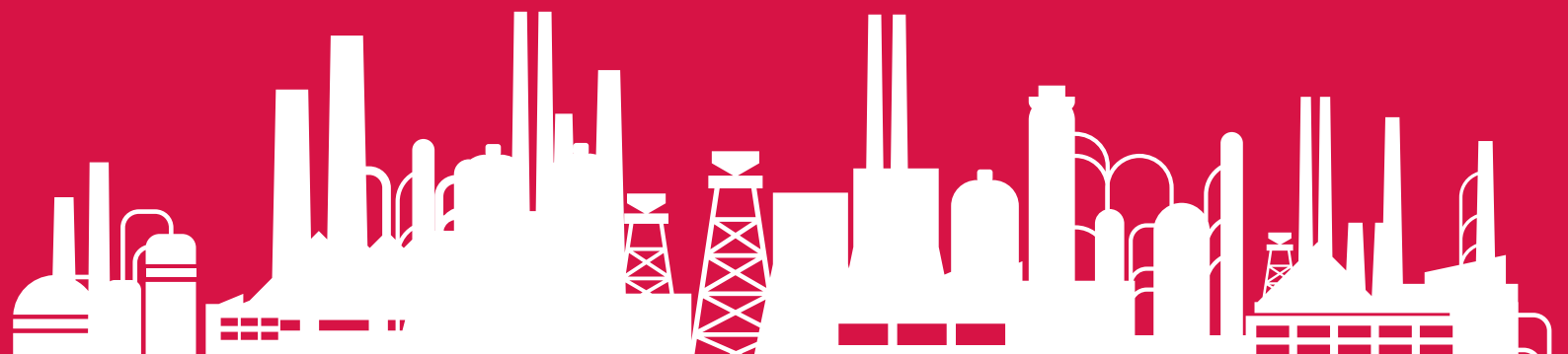
Sprinkler Systems

Moreover, we offer dimensioning and guidance when complete units for fire protection, including electronic control, are supplied. All solutions are in accordance with national as well as international fire-fighting regulations.

Industrial Utility

With many years of knowledge from the utility segment, we are capable of supplying an almost complete range of centrifugal pumps for industrial utility applications.

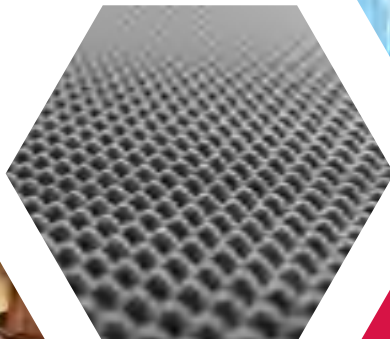
Within all applications, we are making dedicated solutions to match the specific requirement.





The key factors in all areas of the process industry are reliability, productivity, and performance of the production plant.

These are precisely the parameters addressed by the DESMI range of products, systems, and services for the industry segment, and we are the preferred brand and partner when customers are selecting pumps for the process industry, OEM business, and industrial utility.



ENVIRO-CLEAN

Our efficient equipment is easy-to-use and durable and meets the needs of any community at the best life cycle costs.

In the EnviRo-Clean segment, DESMI delivers efficient and reliable solutions for oil spill, seaweed, and clean waterways (EnviRo-Care).

Whether the situation is man-made (e.g. oil spills, plastic, and other trash) or the result of the seaweed overgrowth, DESMI has easy-to-use, durable equipment to efficiently meet the needs of your community.



Oil Spill


DESMI is the market leader for booms, recovery systems, burn kits, and storage systems for oil spill response scenarios within offshore, onshore, near-shore, industry, and even in polar regions, DESMI supplies everything needed to help customers recover from any oil spill.

We are the world's most experienced manufacturers of oil spill response systems and have proven our technology in most of the world's oil catastrophes to date. Fully accredited by the Nautical Institute and the IMO, we pride ourselves on our know-how, strengthened by a loyal, diverse workforce having worked in the industry for many years. 'Proven Oil Spill Technology' is our promise as a complete oil spill response supplier.

EnviRo-Care

The clean-up of ocean bound plastic is one of the most challenging pollution problems ever faced. We have made great advancements in our ability to recover and manage the ocean bound plastics with our award-winning EnviRo-Care solutions. Our objective is to combat the ocean bound plastic as close to the source of pollution as possible to ensure reduced leakage in the oceans.

We achieve this by carefully mapping the tributaries of the world's most polluting rivers and aim to reduce the influx of plastic pollution in the big rivers. This method is designed to make efforts at strategically chosen locations in terms of pollution leakage percentage. Thus, contributing to cleaner rivers and oceans.



The EnviRo-Clean solutions from DESMI are trusted throughout the industry. Whether the requirement is for offshore, or nearshore, the Arctic or Equatorial environment, we continue to deliver proven solutions for all spill conditions including seaweed and clean waterways.

We design, engineer, manufacture, and sell systems for most applications, including ship, boom, and skimmer installations.

We provide professional after-sales support and supply all spare parts throughout the system lifespan.

Seaweed

DESMI provides solutions for the excessive seaweed, without disrupting marine life. With our proven solutions, we are able to deflect and collect the excessive seaweed to keep our beaches and shorelines clean. Our efforts ensure protection of marine life in the waters.

We design, engineer, manufacture, and sell systems for most applications, including ship, boom, and recovery installations. We provide professional after-sales support and supply all spare parts throughout the system lifespan.



DEFENCE & FUEL



Solutions from DESMI Defence & Fuel are highly recognized by armed forces around the world, both Navy, Air Force, and Army.

Based on our well-proven product and dedicated project and engineering team, any Navy ship based pumping system can be supplied by DESMI.

Including everything from the biggest shock-proof seawater or fire pump to the on-deck installed helicopter refuelling systems with our Helicopter In-Flight refueling equipment, Naval Ballast Water Management Systems, and High performance phased array radar cooling, and CBRN washdown systems, DESMI Defence & Fuel is your first choice for naval pumps and pumping solutions and integration. Our many years' experience with systems suitable for working in extreme and harsh conditions and environments enables us to provide total liquid management, from project management and systems integration to procurement and logistics planning.

Pump Solutions for Naval and Coast Guard Ships

DESMI has a long history of providing pumping solutions for military applications, not least within the naval sector. Client demands for equipment reliability under adverse conditions have made our solutions the choice of many navies, of course up to the highest NATO standards in relation to noise, vibration, and shock.



Fuel Handling in Extreme/Harsh Conditions

DESMI offers practical solutions across the full range of fuel handling applications. For use in both the military and commercial sectors, our fuel systems offer proven equipment with reliability and versatility as a key function.

Helicopter Refuelling Systems

To operate a helicopter from the deck of a ship requires availability of fuel for the helicopter. DESMI provides

first-class helicopter refuelling systems, also in explosion-proof and shock-proof versions. Picture shows helicopter in flight refuelling system (HIFR).

Naval Ballast Water Management Systems

DESMI offers Navy and Coast Guard customers all over the world with ballast water management systems that comply with both strict noise and shock resistance requirements of the modern surface combatant and support vessels operating in the naval war scenes over the seven seas.

Being a supplier of pumps and pumping systems for Navy and Coast Guard, DESMI is a strong and reliable partner with deep roots in the commercial marine sector supplying complete pump packages. Our fuel handling solutions have proven their flexibility and versatility on all continents, both in tropical and arctic conditions.

UTILITY

Energy efficient and reliable pump solutions for district heating, combined heat and power, waste-to-energy plants, district cooling, HVAC, etc.

High Efficiency Solutions

DESMI is focusing on energy efficient solutions and has a very competitive product portfolio.

Flexibility - Customer Made Solutions

DESMI has an almost complete range of centrifugal pumps where know-how and flexibility are essential in relation to the individual project requirements.

Tried & Tested, Global Solutions

DESMI has produced pumps for more than 140 years and, therefore, offers "Proven Technology". We have produced pumps for district heating for approx. 90 years. Proven pump technology from Denmark, the country with most know-how in district heating, combined heat and power plants, etc.



Examples of Applications:

District Heating

Denmark was one of the first countries in the world to construct district heating networks. DESMI has taken active part in this development and has developed a very strong product portfolio with focus on high energy efficiencies.

Combined Heat & Power Plants

Also in this area Denmark holds a leading position throughout the world – as the plants mentioned are often linked to district heating networks.

DESMI is able to provide solutions for a long list of special pump applications in such plants, e.g. for the scrubber cleaning system.

Medium/Larger HVAC

Our scope of pump applications includes HVAC solutions in airports, data centers, skyscrapers, hotels, shopping malls, etc. Our offering mainly covers the medium/larger types of pump requirements.

Power Generation

Over the years, DESMI has supplied solutions for a number of power plant applications around the world e.g., for oil fired power plants in Saudi Arabia and UK, nuclear power

plants in China, combined cycle power plants in Lebanon as well as thermal power plants/combined heat and power plants in a number of countries.

Leisure Industry

DESMI's many years of experience with seawater (and chlorinated water) means that we have pump solutions available in bronze alloys, which are very much in demand for larger pools.

Solar District Heating

A key component in solar district heating is obviously the solar panels, but energy efficient pumps are also in focus, and our pumps are used for circulation.

Waste Water

DESMI has many years of experience in designing and planning pumping stations, which are essential parts of a sewage system. We use this experience for each project and ensure that our customers are not exposed to unnecessarily high costs, whether it concerns installation, operation or renovation.

In the utility sector, DESMI focuses on energy efficient pump solutions. We provide solutions that reduce the carbon footprint significantly, while at the same time offering financial viable systems.

Our pumps are specifically developed for use with green technologies such as district heating, district cooling, waste-to-energy plants, etc.



AUTOMATION

With DESMI Automation you get a solution that increases efficiency, competitiveness and enables you to meet future challenges with a green and sustainable profile.

Systems delivered by DESMI, all have a specific and advanced automation solution and with DESMI you get a solution that increases efficiency, competitiveness and enables you to meet future challenges with a green and sustainable profile.

DESMI offers a wide range of automation solutions developed for both the maritime as well as the industrial segment.

Our product portfolio covers solutions from simple motor starters to advanced PLC based energy saving solutions.

We have a flexible work force with a core of skilled automation engineers and technicians, who are located globally.

DESMI handles:

- Technical clarification
- Design
- Programming
- Installation
- Commissioning and service

Automation solutions are developed according to specified rules and regulations, UL standard, EN/IEC standard, ATEX/IECex standard, and all major marine classification societies.

Our commitment to innovation, and hence to developing new automation products for world-wide applications guarantees long-term sustainable company development, and therefore a secure future.

DESMI has a wide portfolio of pumps and pumping solutions, and oil spill equipment, which are integrated with DESMI Automation for optimizing energy consumption.



DESMI DESERVE



DESMI has for more than 185 years serviced and supported our full product range. One of the key factors in being around for this long is: reliability and trustworthiness, and having a profound respect for our customers and their needs.

The DESMI Service Team operates globally and around the clock. We can offer all services from simple advice over the phone to full on-site maintenance and service programs. The team is highly experienced, factory-trained, and fully capable of meeting both your technical and practical demands.

The DESMI DeServe Team can also offer customized programs to meet specific client requirements and be your preferred partner of choice in case of emergency breakdowns or equipment life-time support.

We can send most equipment within 48 working hours or access our global parts database and ship out needed spare parts from one of our regional warehouses often from day to day to ensure your DESMI equipment is always operational.

Our dedicated global DESMI Service
Team delivering local service.





DESMI always strives to provide our customers
with the very best service!

That's why we have established DESMI DeServe
- your guarantee for an excellent
service 24 / 7 / 365.

DESMI DeServe offers a wide range of services to your DESMI BWMS system to ensure easy and trouble-free operation of your system.

We know that not two customers are alike, therefore, we also believe that understanding your needs and demands is the key to a long lasting partnership in servicing your DESMI equipment.

Our service program is, therefore, put together to offer our customers the highest flexibility to meet the expectations of keeping your BWMS system compliant in the most cost-effective way

Packages

- Pre-commissioning survey
- Yearly compliance survey
- 2,5 years' service
- 5 years' service
- Up-link support
- Training programs



QUALITY

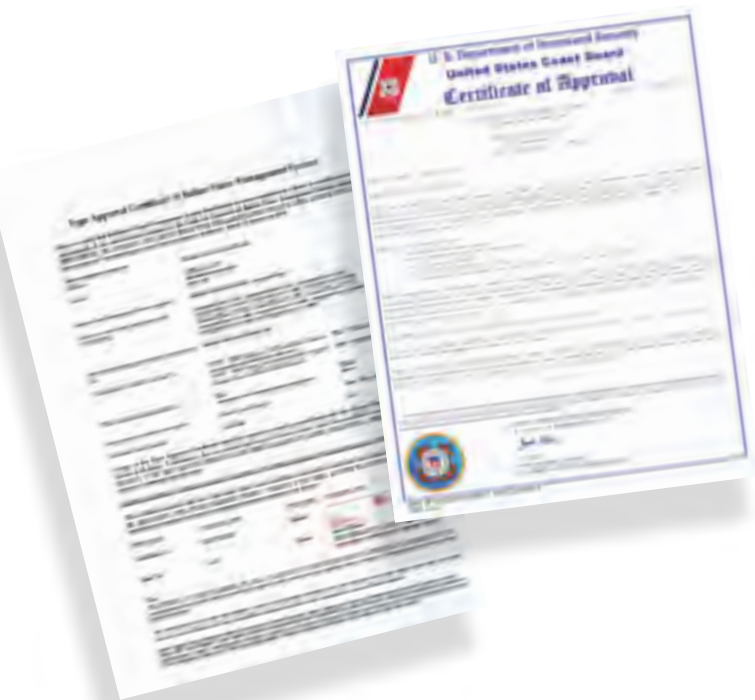
DESMI products are developed, produced, and marketed under the **ISO 9001** quality certification and satisfy all quality requirements as specified by customers.

DESMI products are of such a quality that they are considered to be reliable, functional, and of a good design.

DESMI products must not be dangerous or in any way be a security risk to the customers/end-users when handled and used correctly.

When DESMI performs contract work, the products will be developed and produced in accordance with the same quality instructions that apply to all DESMI products and any supplementary requirements specified by the customer.

The product quality, our ability to adapt, and a high technology level guarantee our customers a partner and a serious problem solver who offers recognised and durable products.



HSE & CSR

DESMI is a socially responsible and conscientious company playing an active role in the local community.



Health, Safety & Environment

DESMI ensures a healthy working environment. We care for each employee's physical, mental, and social well-being, and we are committed to providing safe working conditions in a working environment with contrasting diversity in language and culture.

Our Good Quality is Ensured by our Staff

DESMI's largest asset is our dedicated staff. Their key skills and combined competences ensure that the 'DESMI of the future' will continue to be based on good ethics and healthy values. Customer oriented behaviour, humour, and readiness to change are some of our key values.

Corporate Social Responsibility

Image, ethics and conduct, corporate social responsibility, environmental impact, and the principles of the UN Global Compact are all integrated in the overall DESMI group strategy as it is our belief that respect for the individual and sustainable products and production must be the basis of continued growth of the DESMI group.

Our best opportunity to improve our impact on the external environment is by developing products and concepts that support a reduction in energy consumption, thus reducing their environmental impact.

Consequently, we attach great importance to ensuring that our products are designed, manufactured, used, and disposed of in an environmentally sound way.

We will seek to base our work on a corporate social responsibility within all group companies through the boards of these companies, working on ensuring that all companies in the group still are certified in ISO14001, and continuous improving the environmental aspects.

UN SUSTAINABLE DEVELOPMENT GOALS

Sustainable Development Goals (SDGs) (or Global Goals for Sustainable Development) are a collection of 17 global goals set by the United Nations General Assembly.



This is a Collection of 10 USDG Goals Committed by DESMI.





THE GLOBAL GOALS

For Sustainable Development

For years, DESMI has been committed to sustainable growth and as a natural step now also to the UN sustainable development goals set up by UN, and we stand together with local authorities and other manufacturers to try to make a difference.

For more information, please visit our website



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- DESMI Service Centers
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- DESMI Dealers/Agents

In need of more information or specifications? Contact us at desmi@desmi.com or read more about DESMI and DESMI's other products and solutions at www.desmi.com

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