

### WE EMPOWER YOUR CREW TO PREPARE RESPONSIBLY FOR YOUR NEXT CARGO

We advise our clients on the correct approach and cleaning methods to reduce the use of chemicals and freshwater.

All products uphold the highest industry standards and are non-harmful to the marine environment.



## IN EVERYTHING WE DO, NAVADAN WORKS TO IMPROVE THE EFFICIENCY OF COMMERCIAL OPERATIONS.

The way we impact commercial operations is through expert advisory, iindustry-specific solutions, a global supply network, and flexibility. As a Danish company with a history of more than 25 years of supporting the commercial shipping industry worldwide, we are the safe choice.

We sell equipment, chemicals, and services globally, for cleaning and maintenance of the commercial fleet. Our primary focus is on hold cleaning, tank cleaning, and surface preparation but we have a growing portfolio in other categories.

Visit our website for more information.

## NAVADAN

Navadan.com

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# WE VALUE SAFETY FOR YOUR INDISPENSABLE CREW

We strive to improve working conditions at sea.

Our equipment is built to secure good health and safety for your crew during cleaning and maintaining the vessels.

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#### **CLEANING EQUIPMENT**

### NAVADAN HIGH-PRESSURE EQUIPMENT FOR HOLD CLEANING

Navadan secures effortless solutions designed for on-board use. Our high-pressure equipment is designed to be used during hold cleaning and is developed in collaboration with shipping companies and experts. The high-pressure equipment can both be used independently and in combination with other Navadan equipment.

We guarantee the best quality cleaning.

### HPP20-2 - HIGH-PRESSURE CLEANING THAT MAKES YOU REACH NEW HEIGHTS

Navadan HPP20-2 is a simple analog carrier of pressurized water. It cleans cargo holds as high as 20 meters and is designed for a comfortable and safe operation for your crew. As an extra benefit, you can reduce the use of cleaning agents and still reach Grain Clean Standards.

#### **HB400-1 - COMBINE HOT WATER AND HIGH-PRESSURE**

Navadan HB400-1 turns high-pressure cleaners into a hot washer. By heating a pressurized water stream, dirt and cargo residues will be effectively dissolved and your cleaning will be spotless. The HB400-1 can be used with the HPC280 and HPC350 high-pressure cleaners.

#### **HPC280-2 - IN-DEPTH CLEANING**

Navadan HPC280-2 high-pressure cleaner is specifically designed for the maritime industry. The unit is perfect for in-depth cleaning of rusty and dirty surfaces and maintenance on deck and the usage is further increased with optional accessories, such as a turbo lance and sandblasting kit.



#### MARINE CHEMICALS

# THE BEST EXPERT ADVICE WILL REDUCE YOUR USE OF CHEMICALS

It is our wish to make you better equipped to handle uncertainty in managing the day-to-day operations within tank and hold cleaning. Our advice and supervision help you minimize the risk during these operations.

#### **WE ARE MARINE PROFESSIONALS**

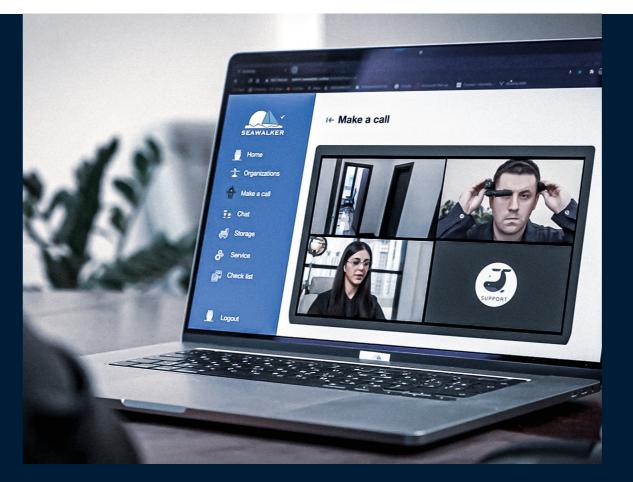
Navadan's operational sales desk is manned by experienced marine professionals with an understanding of cleaning and maintenance challenges from a commercial operation and crew perspective. Our experts can advise you to properly reduce the amount of cleaning agents, as well as the time cost of daily operations. We support more than 1000 cleaning operations annually, and our experience allows us a unique insight into our clients' challenges.

#### LOCAL AND GLOBAL

Navadan uses local manufacturing in more than 50 countries around the world, which creates global availability with minimal logistical costs.

#### APPROVED, APPROVED, APPROVED

All our chemicals have been approved according to IMO MEPC.1/Circ. 590 and / or comply with Marpol V.



#### REMOTE ASSISTANCE

# RELIABLE VIDEO STREAMING INVITES EXPERTS RIGHT INTO YOUR ENGINE ROOM

SEAWALKER improves efficiency by providing stable video streaming from all corners of your vessel, no matter your global position. The communication platform allows your crew to cooperate seamlessly with remote professionals during maintenance and other operations at sea.

#### SECURE AND RELIABLE CONNECTION

The SEAWALKER solution has three elements: Software Platform, Smart Glasses and Remote Services. The software platform provides a secure and reliable network or satellite connection at bandwidths even below 500 Kbits. Smart Glasses connected to the software platform allow your crew members to work hands-free while receiving support. Remote services offer technical support, emergency response service and training

#### **AVOID COSTLY DELAYS**

SEAWALKER is the perfect solution regardless of time zones and internet quality. Your crew will have access to expert advice, troubleshooting, instructions and planned or emergency maintenance no matter the location of your vessel. With SEAWALKER on board, you increase efficiency and avoid costly delays.

#### SKIP THE TRAVEL COST

SEAWALKER assists shore-based experts to be available in all types of situations and accommodates conference calls with up to 30 participants. You can truly reduce travel costs associated with supporting the crew and minimize the environmental footprint.



#### MAINTENANCE EQUIPMENT

# IMPROVE THE WORKING CONDITIONS FOR YOUR MARITIME HEROES

Protection of assets, welfare, and the environment are top of the mind in the entire shipping industry.

With modern solutions, it is now possible to remove old coating and corrosion during voyages to the same high standard as at a dry dock. That way, you will increase your sustainability effort without risking crew members' health and safety.

#### **SURFACE PREPARATION**

EcoQuip 2 EQp is an easy-to-use low-pressure machine designed to save freshwater and grit while providing optimal surface preparation to SA2½ and a 75-micron profile. It is perfect to do excellent spot repairs on deck, repair items exposed to galvanic corrosion, as well as emergency repairs that can endure until the next docking. Navadan Kit includes necessary hoses, spare parts, and training instructions to ensure return on investments.

#### EASY MAINTENANCE

Vibro-Lo series from Trelawny is a series of traditional air-driven tools, that ensure efficient maintenance, without risking hand-arm vibration syndrome or Vibration White Fingers. The quality level of the Vibro-Lo series guarantees a longer lifetime, which allows you to reduce the yearly investment, as well as provide your crew with healthy tools. Navadan kit includes consumables and a service kit that increases efficiency.

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