

Pneumatic machinery for the marine industry.



Teryair is a leading manufacturer of pneumatic machinery for the marine industry.

Teryair was founded in 2002 by a team of innovative engineers with a passion for designing and manufacturing high-quality products for the marine industry. Teryair's products are used on a wide variety of vessels, including oil tankers, container ships, passenger ships, bulk carriers, naval vessels, and offshore vessels.

Teryair's products are manufactured in a modern factory in Mumbai, India. The factory is equipped with state-of-the-art machinery and is staffed by experienced engineers and technicians. Teryair's products are certified to the highest international standards, and the company has a long standing reputation for quality and reliability.

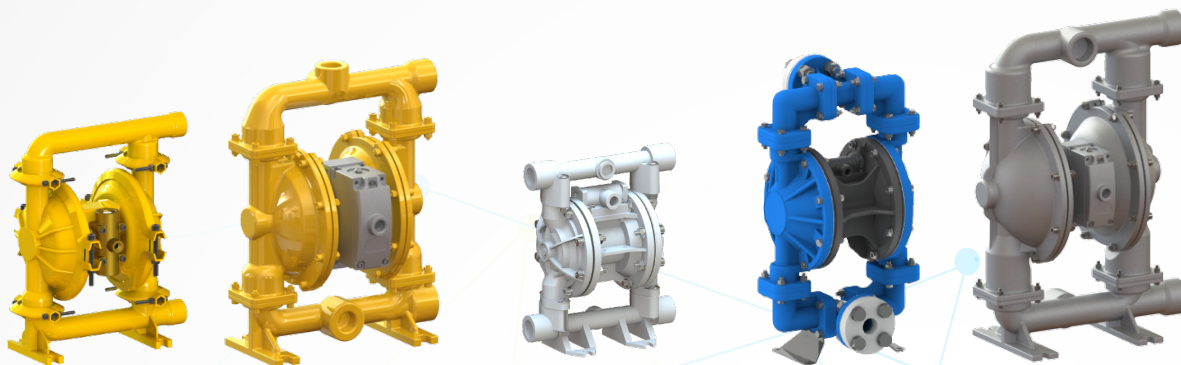
Teryair's customers include some of the world's leading vessel owners and management companies. The company's products are also sold through a network of authorized distributors around the world.

Teryair is committed to providing its customers with the best possible products and services. The company offers a wide range of products, including air-operated double diaphragm pumps, air motors, ventilation fans, and surface preparation equipment. Teryair also offers a variety of services, including customization, repair, and maintenance.



Pumps for the maritime industry

Teryair has been designing and manufacturing pumps for over 20 years, today you will find a teryair pump aboard almost every sea going vessel.



Teryair metal pumps are ATEX and CE Certified and are designed and manufactured under a strict quality system. They are all leakproof, stall free and can be safely operated in explosive atmospheres

These pumps find application in almost every operation on board.



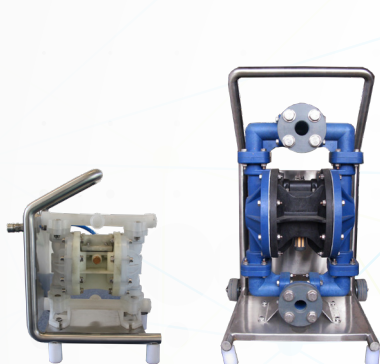


Cargo Hold Cleaning

Following discharge of product from a Cargo Hold, the Hold has to be clean to specification to accept subsequent cargo product. Cleaning is effected by spraying the insides of the cargo hold by cleaning fluids basic or acidic in nature. This is carried out by various types of hold cleaning guns that shoot jets at high velocities to impinge upon the insides of the hold. They are either directed manually or by automatically rotating jets.

AODD pumps come into the picture to feed the cleaning guns with water/chemical and also importantly to pump away the slop that collects at the bottom of the hold during cleaning operations.

Our skid mounted Polypropylene range of pumps are well suited for the chemical feed into the cleaning guns, whereas our skid mounted SS pumps do excellent duty in slop removal especially with solid laden fluid. Some of the world's best known providers of cargo hold cleaning systems rely on Teryair pumps as part of their kit.



Polypropylene range of pumps



Hose

Camlock Couplings

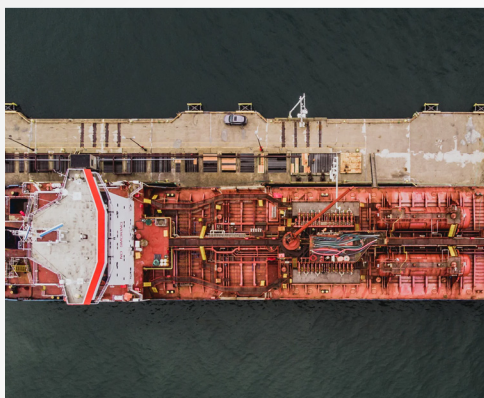


F type Plug



C type Scocket





Waste Water Handling

Ships are prohibited from polluting the seas by discharging wastewater into them. Wastewater aboard ships is typically treated chemically held in storage tanks and finally discharged safely and under tight regulations.

Teryair AODD pumps play a key role in moving this wastewater to treatment and holding storage tanks. Teryair pumps have leakproof construction, have a patented non-stall valve to keep the pumps going, are lube-free, and are built from materials like Stainless Steel or Polypropylene or a combination to keep corrosion away. Teryair pumps are noted for their durability and long life between services. Essential features for waste water handling.



Chemical and Solvent Transfer

Teryair AODD pump options include corrosion resistant materials like PTFE, Polypropylene and SS. Also, there are wide options of diaphragm material.

Whatever Chemicals/solvents need to be transferred, Teryair has a pump for you. Available from ½ inch size and 50 LPM discharge all the way up to a 3-inch size and 1000 LPM discharge, Teryair has you covered.

PTFE pumps feature an ultra long life diaphragm technology that incorporates the fastener into the diaphragm itself, thus the entire face of the diaphragm facing the fluid is one piece



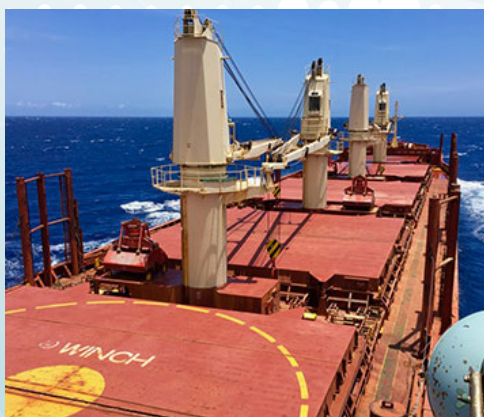
Diaphragms are made in Germany.



Emergency Spill Cleanup

Teryair AODD pumps fitted with quick connect CAM lock connections are well suited to complement the oil spill cleanup machinery such as skimmers etc. They are ATEX certified and good for use around flammable fluids, need no priming and most importantly will not emulsify oil/water mixtures. Added advantage is that they can handle reasonable solids that may have contaminated the oil, can operate dry and continuously without damage and exhibit a decent suction head.

Teryair AODD pumps are built to withstand the rough harsh outdoor marine environment and do excellent service in this application.



Deck and Hull Dewatering

Apart from the regular offering of AODD dewatering pumps in up to 3 inch discharge side, Teryair also produces pneumatic centrifugal dewatering pumps. Select a centrifugal pump when the fluid being pumped is mostly clean and does not contain too much of debris (less than 3mm solid size) and has more or less the viscosity of water. Centrifugal pumps are efficient high performers in this scenario.

Select AODD pumps if there is a possibility of running dry, variable duty and water and thicker fluids are envisaged.



Lubrication dispensing and delivery

Teryair AODD pumps are naturally suited to handle viscous fluids and do so well. Teryair Bolted aluminum constructed pumps do well in this application. They are all ATEX approved and suited for use in this application



Fuel Transfer

Teryair AODD pumps come with ATEX approvals as standard and are well suited to the transfer of fuels as required from one area to another. The best combinations are Aluminum construction and PTFE diaphragms.

For more information and pump selection.

[Download our AODD Pump brochure by clicking here.](#)



Contact us today to learn more about our products and service

Certifications & Memberships



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