

DESMI MOBILE WATER MONITORS FIRE FIGHTING AND ANTI-PIRACY EQUIPMENT



SAFETY FIRST
QUALITY UPMOST

What is “DESMI MOBILE WATER MONITORS FIRE FIGHTING AND ANTI-PIRACY EQUIPMENT”?

The DESMI mobile water monitors fire fighting and anti-piracy equipment is developed to protect the cargo deck areas for cargo ships carrying more than four tiers of containers on the weather deck and hold back the attack of piracy.

Recently, fire and explosion risk have been raised about the current requirements on fire protection on cargo deck areas for cargo ships carrying more than four tiers of containers on the open deck, when a fire occur in top containers on open deck, it is very difficult to reach them to extinguish the fire manually and efficiently because of the height and capacity limitation of fire nozzles on board the vessel. If fires can't be extinguished quickly, it will likely to spread to adjacent containers or accommodation area, and in the worst case will cause the total loss of the whole vessel.

A specific problem

- The height of the overlaid containers on deck.
- The narrow ways between the containers in the loading area on deck.
- The crew who is not familiar with firefighting.
- The lack of pressure and the small diameter of the hoses (50mm).
- Corrosion due to sea water.



The risk of attack from piracy is also frequently happened in gulf of aden and Indian ocean, the DESMI mobile water monitor can spray a long distance and high pressure water jet to hold back the corsair close up to the vessel and win the times to get the external rescue.



It is designed according to the recommendation from Germanischer Lloyd (GL) who is the leading container Classification Society in the world and main components approved by GL. Within the Fire Protection (FP) sub-committee of IMO, work is taking place on evaluating the fire risk and different types of fixed or portable fire-fighting equipment to attack the fire on cargo deck areas for cargo ships carrying more than four tiers of containers on the weather deck. The draft MSC circular guidelines are still under discussion and will be presented to FP55 on July 2011 where comments and further actions will be discussed, anyway, GL will recommend to install the mobile water monitors fire fighting equipments on their classed vessel for cargo ships carrying more than four tiers of containers on the weather deck.

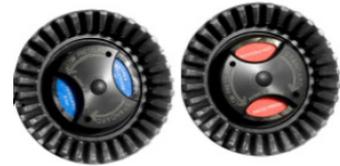
The numbers of mobile water monitor and water mist lance is decided on the ship's size of cargo holds but no less than 2 pieces. The length of fire hose is 15m or 30m depend on the length and width of cargo deck loading area.



Why choose “DESMI MOBILE WATER MONITORS FIRE FIGHTING AND ANTI-PIRACY EQUIPMENT”?

DESMI mobile water monitors fire fighting and anti-piracy equipment offers many features and benefits:

- Optimum protection of people and equipment.
- Easy to use: fast and easy to install
- Insurance gains due to the improvement of fire fighting safety on board.
- The only monitor with a safety valve.
- Small pressure drop and maximum flow capacity.
- A vertical reach up to 8 overlaid containers, thanks to Maxforce nozzle.
- Compact and space-saving: the monitors are stored in a special box in strategic places.
- A special platform allows to project water down to the sea in case of a pirate attack.
- Robust: heavy duty materials, corrosion resistant.
- Harmless and effective
- High standards of quality for each component
- 5 years warranty.
- World-wide service and technical solution support



“DESMI MOBILE WATER MONITORS FIRE FIGHTING AND ANTI-PIRACY EQUIPMENT” main components:

1. Mobile water Monitor with safety valve, stainless steel feet with epoxy protection (Approved by GL)
2. Maxforce nozzle with dual pressure control
3. Water mist lance (Approved by GL)
4. Fire hoses (Approved by MED)
5. Thermal Camera (Approved by CE)
6. Sea water resistant couplings (all types of couplings available: Storz C, BIC, Nakajima, GB, CBM, etc.)
7. GRP storage tank



Any enquiries, please contact Billow Ye by bye@desmi.com

Trust DESMI to protect you, your people, your property and the environment.