



D.A.G.



DISPOSITIVO AIUTO GALLEGGIAMENTO - FLOATING HELP DEVICE -





D.A.G. "FLOATING HELP DEVICE"

Invented to solve the operational problems encountered by aquatic rescuers. The device is useful for all bodies in charge of water rescue tasks in general and is currently operating on the fleet of the patrol boat-300 of the Italian Coast Guard.

The D.A.G. has been patented and CE certified and as a medical device is marketed in different versions according to the size of the unit (boat).

Specifically it is a semi-rigid platform with high floating power and was created to facilitate the ascent onboard of the unsafe in a state of difficulty.

During the recovery phase onboard, especially in rough sea conditions, the natural pitching/rolling on the boat creates serious dangers for the victim in the water. With the use of D.A.G. these operations are certainly less dangerous because of proper use of materials and perfect concentration of construction procedures allow them user to be able to pass through and/or rest on this in relative safety, then favoring the subsequent passage on civil and non-civilian rescue units.

The D.A.G. easily lends itself to a stretcher of circumference both in the water and on the ground because of the perimeter lines are used as transport handles.

The standard products has the following dimensions and characteristics:

- *Length 3 meters.(vers.2.0)3.5meters.(vers3.0);
- *Width 1.5 meters;
- *Thickness 9.00 c.m.;
- *Total weight 22 kgs. approx. (vers.2.0) and 25 kgs. Approx. (vers.3.0);
- *External material that can be easily disinfected in p.v.c. high grammage with lateral border and with discontinuous reflecting perimeter stripes;
- *Numbers of handles over 40 along perimeter;
- *Perimeter security top of diameter 14;
- *Upward steps/central handles up to 10;
- *Colour of p.v.c. with high visibility perimeter top;
- *Internal material is closed in cell with polyethylene foam;
- *D.A.G. is composed of 3 independent floating sections (vers.2.0) and 5 (vers:3.0);
- *D.A.G. is unsinkable even if the external material is cut or engraved.

For the operational phase of The D.A.G. is fixed with the rescuer unit by using steel safety hook. The D.A.G. stand-by and is folded and stowed on board in a longitudinal or transversal edge, and it is supplied on lower units which can be positioned on a special structure (Roll Bar) also covering the functions of accessory for anti-tipping aid.

Furthermore the product can be used for:

- Create a temporary floating island for more people clinging to the perimeter top and two / three lying on top, encouraging to the great floating power;
- Create a momentary floating island much wider by coupling more D.A.G. one to the other;
- Transfer people or equipments to the water (from land to board or reverse) where is the problem of undertow, shallow water and / or rocky outcrops (where boat can not be reached towards the shore);
- Recovery and floating transport of people or equipments in a flood affected area or river side area (controlled by a teleferica type safety rope for movements from shore to shore);
- Transfer a lying person (as a stretcher) and given the ductility and resistance of the materials also for passages in confined spaces, cabins, walkways, corridors, etc.;
- Facilitate the ascent of divers after a demanding dive or not.

The D.A.G. is also considered a valid device by the canine nautical teams. The unit can start the operation either from the shore or from the boat by pulling the D.A.G. up to the unsafe, then having secured the unsafe on the device, the four-legged (dog) rescuer starts the return with the loaded D.A.G. in two. This re-entry phase can also be facilitated by pulling the safety rope which is hooked to the D.A.G. from the boat or the shore. In the event of recovery on the boat, the DAG will be ensured at the most suitable point and used as steps platform to facilitate the embarkation of the insecure and the operating unit. Encouraging to the D.A.G. even the dog has finally the possibility to go back on board without great difficulty.

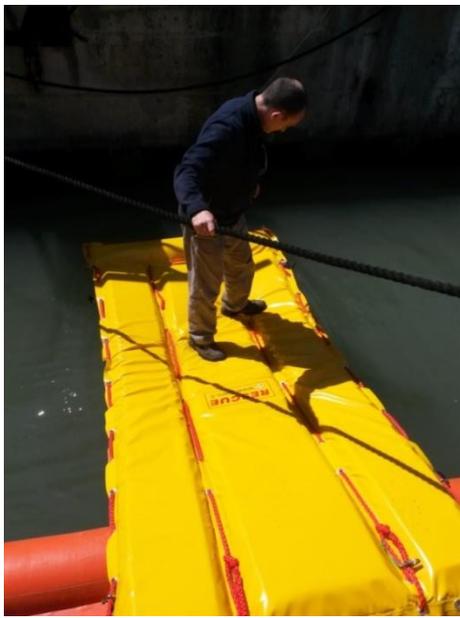
The D.A.G. can also be a valid piece of equipment also for diving centers or divers in general as it facilitates the dressing and / or undressing in floating, but above all it is a quick hold and a comfortable floating platform in the event of an emergency on the emergence of a diver thus allows for rapid assistance. Assume a breaded diver due to air depletion in the cylinders or a cramp or any other illness that has occurred.

The device facilitates the ascent aboard the divers reducing the risks of impact caused by the wave motion, especially if it is a sub with motor problems.

The D.A.G. it is so versatile that it can be adapted to most emergencies and requires no preparations after each intervention.

The purpose of the D.A.G. is to facilitate rescue operation in order to save and transport more lives in shortest possible time in the best possible safety for the unsafe, above all for the operator assigned to task of rescuer.

We are however available to study and implement new equipments that can facilitate rescue operation.



(stability and buoyancy test)



D.A.G. mod. 2.0



D.A.G. mod. 3.0