



# **KK-MODULE**

**Oil recovery tanks for ships and boats  
Transfer tanks • Transport platforms  
Connector for oil booms • Special anchors  
Custom manufacturing**



***Finnish trendsetter!***



ship class oil recovery tanks

## KK- MULTIPURPOSE TRANSFER CONTAINER FOR USE ON LAND, AT SEA AND OTHER WATERS

The multipurpose transport containers are made of a polyethylene multilayer pipe with smooth inner and outer surface. At the ends of the pipe man-sized entrances of polyethylene are welded for filling and emptying. Between the inner and outer shell of the container is a thermal insulator.

In waters two containers are connected parallel to each other via a steel built-in and so to a towable tank.

### BENEFITS AT A GLANCE

- \* Towing forces affecting the steel structure, no tensile forces on the plastic containers.
- \* Transfer tanks can be towed in a row, tank capacity as needed.
- \* Transfer tanks are floating and transportable tanks on water which are used for remove oil from the collection vessel.
- \* Through the large man-sized holes effective emptying and filling.
- \* The oil is pumped into the transfer container directly by the collection vessel or from the oil storage tank of the collection vessel.
- \* Towing ability and stability both on water and by anchoring in all circumstances where oil collecting can be carried out, is guaranteed. Towing speed of 6 knots filled and 10 knots empty.



fully loaded oil recovery tanks during towing

- \* The service life of over 50 years without any maintenance costs.
- \* The containers can be stored outdoors.
- \* The containers are not limited to particular dimensions, but the dimensions can vary depending on requirements.
- \* The front part of the container, the so-called "bug", consists of a hot-dip galvanized steel vertical edge which widens towards the rear, and so acts as a breakwater.
- \* When empty, the ship class transfer containers can be moved on the road, which allows also fast international transfers



boat class oil recovery tank at transport

- \* If necessary, smaller transport container sizes are equipped with hook lift platforms for truck transport. Hook lift platforms accelerate the deployment of tanks by oil spill in waters and on land.
- \* Versatility: Waste water transport in archipelagos, temporary pontoon bridges, piers, temporary storage of bilge water in ports and the like.

### References:

The Finnish Environment Institute has acquired two smaller (100m<sup>3</sup>) and one larger (200m<sup>3</sup>) ship class transfer tank pair.

Additional information: <http://www.ymparisto.fi/oil>

### The KK-transfer tank patent no. 122907



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