



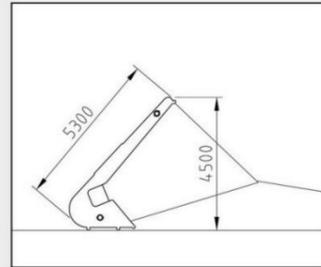
**DUTCH INNOVATION**  
in combating oil pollution

# COMPACT 5 / 8

Easy to handle sweeping arm  
Down scaled proven technology

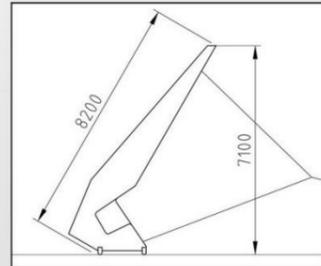
## Compact 5 sweeping arm

Length: 5,3 meter  
Skimmer: Weir type skimmer  
Optional: brush, disk or drum  
Skimmer pump type: Submersible screw centrifugal impeller pump.  
Skimmer pump capacity: 150 m<sup>3</sup>/hr.  
Remote functions: Pump & debris screen  
Weight: 1300 kg  
Dimensions: 5.3m x 2.3m x 1.6m (l x w x h)  
Wind force: Max. 6 Beaufort



## Compact 8 sweeping arm

Length: 8,2 meter  
Skimmer: Weir type skimmer  
Optional: brush, disk or drum  
Skimmer pump: Submersible screw centrifugal impeller pump.  
Skimmer pump capacity: 150 m<sup>3</sup>/hr.  
Remote functions: Pump & debris screen  
Weight: 2100 kg  
Dimensions: 8.2m x 3.1m x 1.8m (l x w x h)  
Wind force: Max. 6 Beaufort



## Optional equipment



Operator console.



Brush skimmer module.



Diesel driven power pack.



Crane for deploying the Compact sweeping arm.

## Contact information

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## Introduction

Over the years the Koseq rigid sweepings arms proved to be the best tools to recover large quantities of oil in a short time.

The same technology is now available in a smaller version: the Compact sweeping arm. Just like the proven rigid sweepings arms, the Compact sweeping arm is made of steel. The difference is in the scale: the Compact sweeping arm is available in lengths of 5 and 8 meter. The arms are therefore lighter, require less deck space and are easier to handle.

Just as with its bigger brother, the Compact sweeping arm tow line is connected to a bow bollard of the vessel to tow the Compact 5 alongside the vessel.

The Compact sweeping arms are very well suited to be used in oil spills near shore, in estuaries, harbours and rivers. The arms can still work effectively in sea state 4 with wind speeds up to 6 Beaufort. Sweeping speeds up to 2 knots are achievable depending of the circumstances.



## **COMPACT 5 / 8**

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### **Compact**

The Compact rigid sweeping arm is based on the same principle as the well-known offshore rigid sweeping arm, but shorter and lighter and therefore perfectly suited to be used by smaller vessels.

### **Effective**

The unit is free floating and trailed alongside by the oil spill recovery vessel to recover the oil.

Moving through the oil spill the oil is guided by the rigid sweeping arm and pushed into the pump well. The hydraulic driven submersible pump is directly placed behind the height adjustable weir bar and delivers the oil/water mixture directly to the storage tanks onboard the vessel. The pump, the height adjusted weir bar and the debris screen are remotely controlled by only one operator.

The complete system is executed mechanical / hydraulic without vulnerable electrical components. Optionally the system can be executed with a brush, disk or drum skimmer that can also be deployed without the rigid sweeping arm.

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