

# Mobile Oil Separator

For removing oils from water surfaces

**This new type of mobile oil separator was used with great success during the Elbe floods!**



For removing oils from water surfaces and their subsequent separation, we have developed a mobile, special-purpose separator system that can be integrated seamlessly into ELRO equipment introduced by fire and rescue services for use on hazardous materials apparatus and oil spill response trailers.

**Back-up trailer unit available.**

The oil separator consists of an upright, vacuum-tight cylindrical tank, with a free-moving skimmer suspended inside, the position of which can be adjusted vertically by hand from the outside by means of a knob. The optimum position of the skimmer, i.e. the line separating the oil from the water, can be monitored from the outside through a sight glass.

The special feature of the system is that the oil/water mixture is not pumped through the separator, with the result that no emulsion is formed, which would be difficult and time-consuming to separate.

The skimmed off oil is collected in a vacuum-tight drum that can be emptied as and when necessary using a drum pump. An ELRO peristaltic pump is connected to the other connector on the separator to draw off any air and surplus clean water from the separator and pump it away from the area.

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## Oil separator



Diameter: 56 cm/Height: 150 cm  
Tare weight: 70 kg, Separation efficiency: 90 %, Flow rate: 100 l/min

## Accessories



Flange cover NW250  
for ELRO transport drum



ELRO transport DRUM



Suction shovel with ELRO DN32  
connector and pipe extension to DN50



Suction pressure hose DN50  
5m, 4 section



Suction pressure hose DN32  
(also suited to DN50) 5m,  
1 section is required

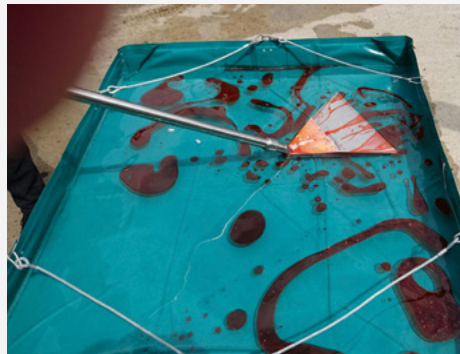


ELRO Type GUP HAZ-MAT  
pump 3-1.5-RV

## Complete system for use on ship

This complete system is the only compact mobile unit available on the market today.

- > Trailer unit
- > Oil separator, incl. collection drum
- > ELRO pump
- > Suction shovel (2 pcs)
- > Hoses, extension pipes
- > Trolleys



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