

# PRODUCT INFORMATION PRE-SEPARATOR

## Pre-separation of liquids and coarse material during operations with the HYDRA FD vacuum cleaner

Pre-separators are used in all types of applications where materials and liquids need to be cleaned and filtered before being discharged into sewer systems or onto bodies of water. Only suitable for water/sludge vacuum cleaners and not suitable for pumps!

- Protects against environmental pollution
- Minimised wear and tear on equipment
- Separation of liquids and other materials

Mobile pre-separator for the collection and separation of oil and hydraulic fluids.

The mobile pre-separator can be equipped with a trolley to allow easy emptying / disposal of the accumulated fluids and materials after use. Separating the collected material by means of the pre-separator is an important step to avoid blockages in the extraction unit. The pre-separator is mounted in front of the suction unit.

Wherever a FD vacuum cleaner is used, the Rössle pre-separator ULTRA separates everything that needs to be filtered during flood operations, floods, water pipe bursts or other operations.

The separation of large parts is done by gravity, i.e. the sucked in suspended parts remain on the ground due to gravity. By filtration with the perforated stainless steel filter sieve or the so-called sponge filter, coarse particles are stopped before they reach the FD vacuum cleaner. This can be very helpful with leaves, small branches, stones, mud and much more, so that the water can then be pumped out coarsely filtered.

It can also be used for oil spills. This works excellently for the removal of spilled oil binding agents, e.g. in accidents or on bodies of water. Here, the granulates or other binding agents are simply sucked off the water surface via the pre-separator. The contaminated material in the container can be easily disposed of at the appropriate collection points after use. Depending on the duration of use, intermediate emptying may be necessary. In this case, a second or third container provides relief or continuous further work.



### Pre-separator with associated equipment

- A: Pre-separator
- B: Chassis (optional)
- C: Sponge filter
- D: Filter sieve
- E: Cover
- F: Connection hose



### YOUR CONTACT

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Vacuum cleaners for fire departments