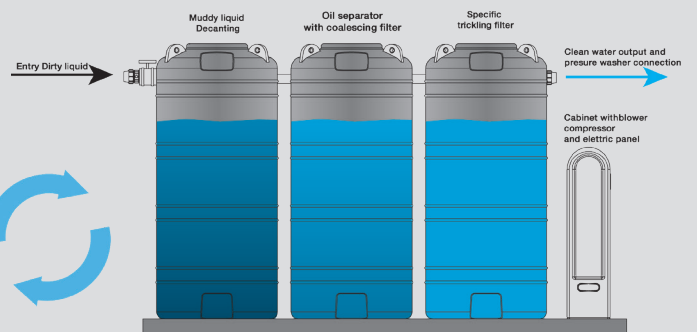


X-TECH



Mod. X-30 3000 liters' capacity




X-30

SEPARATION TANK SOLUTIONS

Sewage treatment systems

- Contaminated water enters
- Dirty water will settle
- Removal of oils and hydrocarbons through the lamellar filter
- Final Filter
- The booster pump delivers the new clear water to the HP cleaner

 **Optional: Biological Treatment**



X-30

SEPARATION and SEDIMENTATION

The Decantation Tank **X-30** is a set of 3 1000L Tanks, able to separate mud, oil and hydrocarbons due to a system of filtration and sedimentation.

The first treatment stage consists of a sedimentation basin in which a gravimetric separation process takes place. The compounds with different specific weights to water: sand, mud, gravel, settle and accumulate at the bottom of the tank, while lighter ones (oils, fat, etc) rise to the surface. The second treatment step consists of de-oiling. Due to the presence of coalescing filter oils and residual hydrocarbons, they are combined on the same filter as well as separating the waste-water. Finally, the clean water is filtered through a fine filter element to be reused in the pressure-washer to close the circuit. The booster pump to deliver the clean water to the pressure-washer at the end.

It should be remembered that the drains must be carried out by competent and authorised companies, as this type of waste can be considered dangerous, and must be disposed of as such.

ACTIVE PURIFICATION WITH BIOLOGICAL TREATMENT

These tanks can also be equipped with active purification systems. We use a heavy-duty filtration system where the wastewater is subjected to an intensive biological treatment which uses specific harmless bacteria to break organic substances dissolved in the water. The waste water is subjected to an intensive biological treatment in which, through the development of specific bacterial strains, kills dissolved organic matter and detergents. Microbial powders within the oxidation tank, a pre-set amount of micro-organisms is dosed through a dozer. The dosing pump is pre-installed and the setting is done in for the customer's need.

The transportable purifiers X-Splash Heavy Duty use a biological purification system through effective mixtures of microbial powders, creating purified wastewater suitable for reuse without any special waste.

The Filtration Tanks are dispatched already assembled into a stainless-steel frame for ease of handling and installation. The electrical components necessary for this Heavy Filtration Tank (control panel - blower and air compressor)

Technical Specifications X-30	
Dimension	3650 x 1010 x 2160h mm
Dry Weight	640 kg
Suction pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min