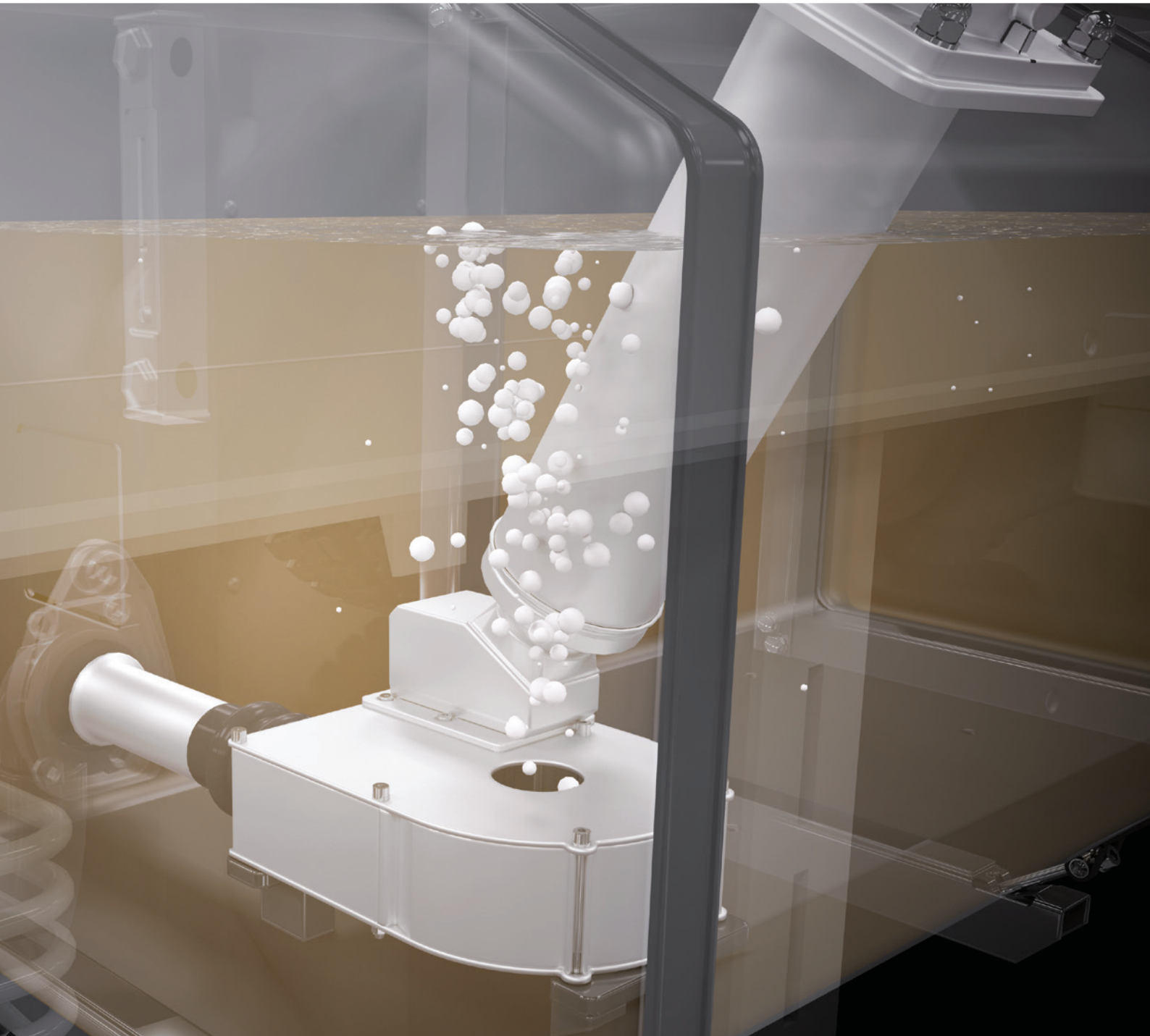
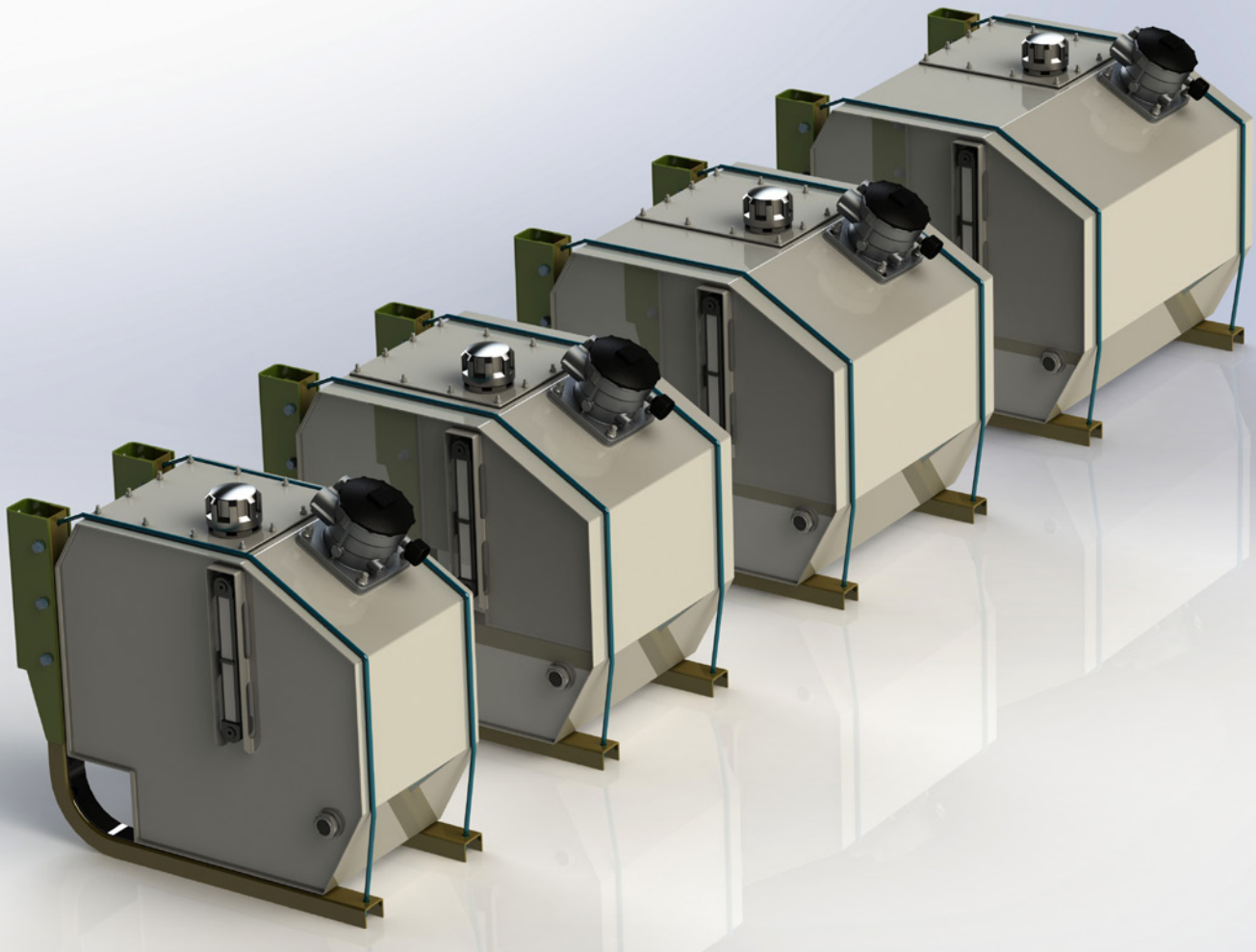


# CycloneConcept for trucks

**pmc**hydraulics



Hydraulic tank with CycloneConcept  
saves space, energy and the environment



The tanks have a patented CycloneConcept which effectively removes air from the oil.

#### **Cyclone tanks for side-mounted installations**

PMC Hydraulics has developed a new generation of efficient tanks for trucks. These tanks have a cyclone, which removes air from the hydraulic oil effectively. The cyclone principle allows for a much smaller tank to be used, compared to conventional methods, for the same task, thus reducing both weight and space.

#### **Savings with a Cyclone tank**

When using a 120-liter cyclone tank, a basic truck with crane can save up to 600 kg a year in Co<sup>2</sup> emissions, compared to a truck with a standard 300-liter hydraulic tank. This is made possible by the reduced weight of the smaller tank, which lowers fuel and hydraulic oil consumption. The smaller cyclone tank also allows for yearly cost savings of up to 600 EUR, when driving 100.000 km per year.

The smaller tank also means less air and less cold steel surface above the oil level inside the tank. This means less water condensation when the hydraulics is turned off.

#### **Advantages**

- Reduced fuel consumption
- Reduced oil consumption
- Excellent cold start performance
- Reduction in weight from 50 up to 90%
- Less water condensation
- Positive pressure in suction line

#### **Main Specifications**

- Gross volume: 90, 120, 150 and 180 l.
- Tank length: 338, 450, 562, 675 mm
- Tank height: 550 mm
- Tank width: 600 mm
- Material: stainless steel
- Return line filter options
- Return flows up to 350 lpm
- Clean production process