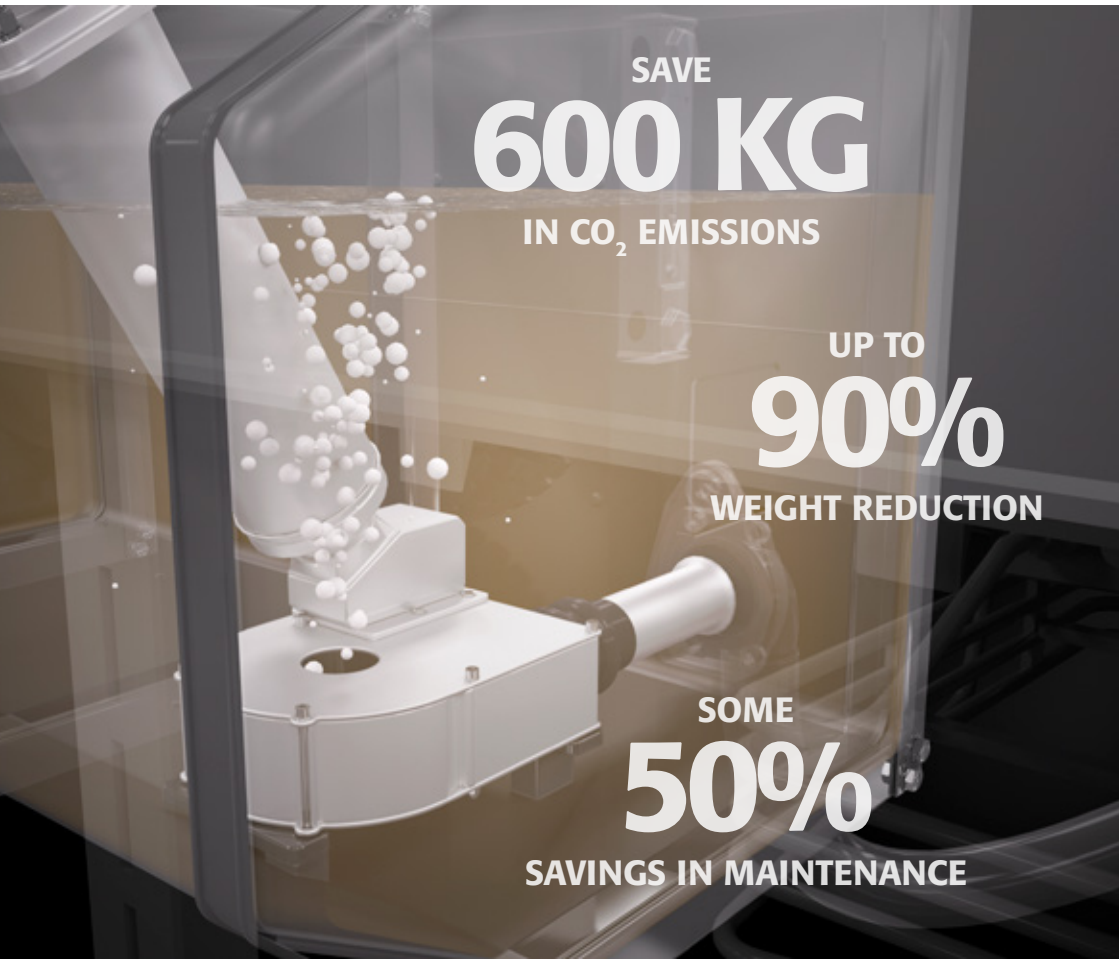
pmchydraulics

Did you know?



A patented CycloneConcept for hydraulic units saves space, energy and the environment.

A patented concept for remarkable savings

PMC Hydraulics has developed a patented CycloneConcept that removes air from the hydraulic oil effectively. Due to enhanced de-aeration performance, this solution uses only a part of the oil volume compared to conventional hydraulic tank systems. The smaller oil amount helps you save both energy costs and the environment.

A drop in CO_2 emissions
The CycloneConcept enables a much smaller tank to be applied for hydraulic units than conventionally. The reduced tank size and weight reduces both fuel and oil consumption, thus making the cyclone tank an environmentally friendly option. For instance, a 125-liter cyclone tank can save up to 600kg a year in CO_2 emissions, compared to units with the standard 300-liter hydraulic tank.

Notable cost savings
The smaller tank size also means easy maintenance and smaller and lighter equipment structure resulting in savings in purchase, logistics and installations costs. Also, less oil is needed to be filled which results in reduced fuel consumption or extra load.

The benefits that make you stronger

- 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

Watch the CycloneConcept video
Alternatively you can visit **www.youtube.com** and find the video by searching with "PMC CycloneConcept"

SAVE
600 KG
IN CO_2 EMISSIONS

UP TO
90%
WEIGHT REDUCTION

SOME
50%
SAVINGS IN MAINTENANCE

Up to 90% of the space is left free when you replace a traditional hydraulic tank with the PMC cyclone tank. You can use this space for new technologies. Or you can just leave it empty to reduce weight.