



# DAF

## Dissolved air flotation



**Advanced physical and  
chemical industrial  
wastewater treatment**





## A unique, highly efficient dissolved air flotation process

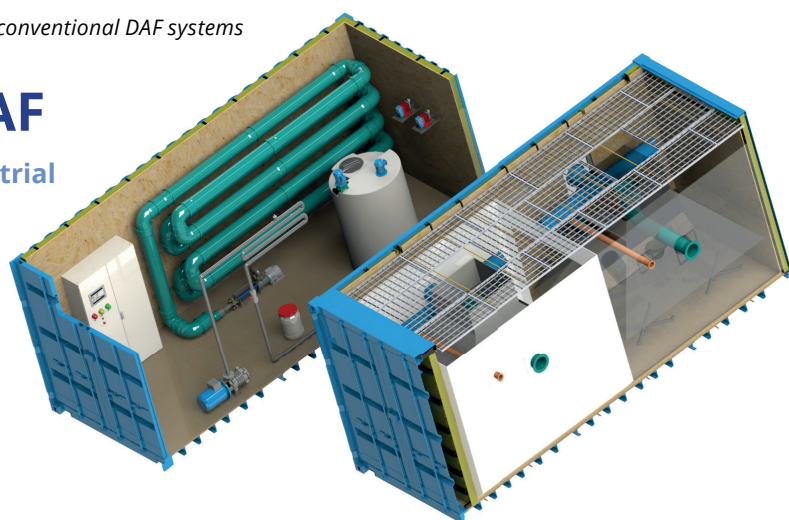
*smaller footprint, high efficiency and lower chemical usage than conventional DAF systems*

# ClearFox® Advanced DAF

**A compact and efficient solution for all industrial wastewaters from 1-500m<sup>3</sup>/hr**

Highly efficient pollutant removal for a range of industries and sectors including:

- Food and beverage,
- Pharmaceutical
- Oil and gas,
- PET,
- Wood,
- Landfill,
- Biogas, etc.



**1**

### Containerised

*totally containerised, plug and play DAF modules for simple and fast setup.*

**2**

### Skid Mounted

*skid mounted DAF systems for indoor installation in very small spaces.*

**3**

### Site Built

*DAF equipment kits installed in site built concrete tanks for very large flowrates.*

## Our Services

### Low cost



*Unique design with lower OPEX than conventional DAF*

### Modular



*Modular solutions that are easy to expand and reposition*

### Reliable



*100% process guarantees with every system sold*





The next generation of DAF,  
bringing an established process  
technology to the next level, with  
higher efficiencies and lower costs

## Reference Projects



### UK - Food and Beverage

A modular DAF installed to reduce COD, BOD and TSS from a fish factory in the UK with 5m<sup>3</sup>/hr



### Egypt - Oil and Gas

Specialist DAF modules for the cleaning of produced water from oil drilling sites across Egypt. 1000 - 5000m<sup>3</sup>/day



### Germany - Landfill

A high rate DAF used in conjunction with other ClearFox solutions for the cleaning of highly polluted landfill leachate

## Special features

*Our solutions stand out from competitors due to a number of unique selling points. Visit our website to read about them in more detail.*



- ✔ No mechanical scraper for sludge removal - a totally automatic air powered system.
- ✔ Lower chemical usage due to a special reactor design and flow control.
- ✔ Higher treatment efficiency due to flotation reactor geometry without dead zones.
- ✔ pH adjustment, flocculation system, DAF reactor, level sensors, automatic sludge discharge and control panel supplied as standard.
- ✔ Manufactured from polypropylene which is totally resistant to corrosion.





## PPU Umwelttechnik GmbH

PPU Umwelttechnik GmbH is a technology company based in Bavaria, Germany. We develop unique wastewater treatment processes, including physical, biological, chemical, filtration and oxidation steps. We offer products, and complete tailor made solutions for any industrial/municipal application. We manufacture all of our products and solutions at our factory in Bavaria.

## ClearFox®

*ClearFox® is the brand name for the range of products and solutions manufactured by PPU. ClearFox® products are exported all over the world. Systems are currently installed and operating in Africa, Europe, Middle East, Russia/CIS and Asia. The ClearFox® brand is globally recognised as a specialist provider of solutions for wastewater treatment*

### Contact Us

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