

Mobile Aeration Solution

Type: FOA-MAS

IDEAL USAGE

Projects that require a mobile aeration solution

APPLICATIONS

- **Aeration:** oxygen transfer for biology as bypass or extension of an oxic zone within a Waste Water Treatment Plant
- **Separation:** aeration results in faster floatation of floating particles, and it improves the release of oils from sand
- **Degassing;** stripping volatile dissolved vapours/gases from liquids to avoid problems further in the process, such as corrosion of equipment.
- **Smell Avoidance:** aeration avoids the creation of anaerobic bacteria which cause unpleasant odours
- **Oxidation:** converts dissolved contamination like iron and manganese. Removal of the oxidation products reduces negative effects related to scaling

Benefits

- **Mobile solution;** quick and efficient delivery and collection
- **Small footprint;** the water level of approx. 3.5 m in our tank, results in an efficient oxygen transfer

Specifications

Capacity: 70,000 liters

Air flow 200 Nm³/h (10 kgO₂/h)

Dimensions FOA: 4,931 mm x 2,506 mm x 13,100 mm (H x W x L)

Dimensions Blower: 2,150 mm x 1,800 mm x 2,400 mm (H x W x L)

Valves: 6" ANSI butterfly valve at front (x1)

4" ANSI butterfly valve at rear (x1)

Draw ports: 4" ANSI blinded flanges (x3) at front, (x2) at rear
(H / M / L position)

