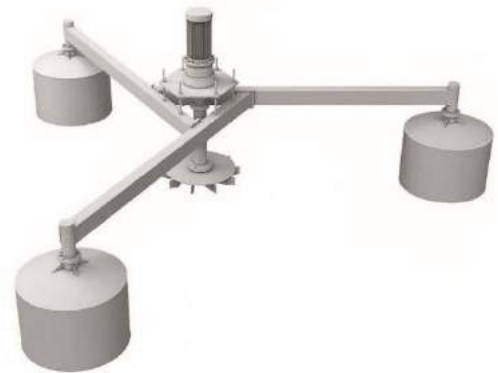
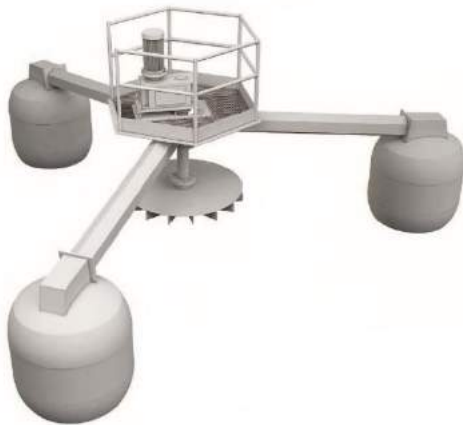


SURFACE AERATORS

Aeration in wastewater treatment plants

DESCRIPTION

Surface aerators EQUIP AIR is an optimal solution for aeration in wastewater treatment plants, lagoons, and aerated pond. The aeration combine physical, biological, and chemical processes to promote the biological oxidation.



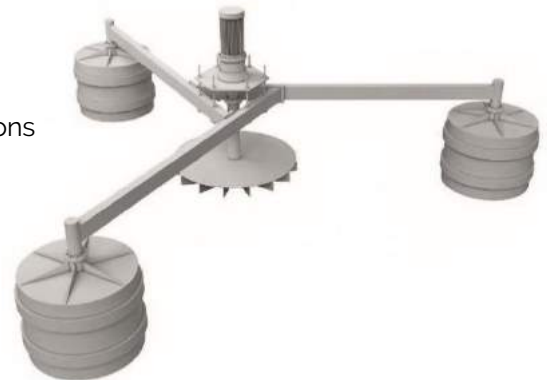
APPLICATIONS

In water treatment plants and in particular:

- Activated sludge tanks in biological wastewater
- Pre-aeration in homogenization basin
- Tanks for aerobic sludge stabilization
- Aeration of lagoons

BENEFITS

- ➔ Easy planning and building of oxidation tanks
- ➔ Oxygen supplying easily adaptable to process conditions
- ➔ Low operation cost
- ➔ Low operating cost.
- ➔ Simple maintenance
- ➔ Always ready and reliable

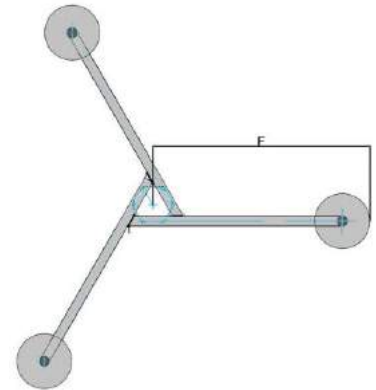
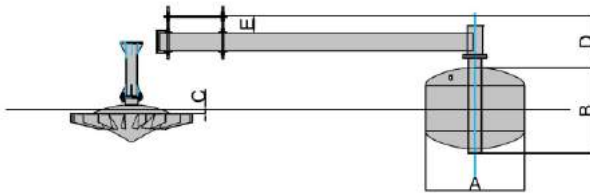


SURFACE AERATORS

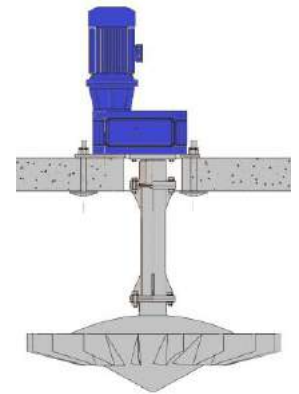
Aeration in wastewater treatment plants

DIMENSIONS

Surface aerators EQUIP AIR has different models to match with the oxygenation requirement and the size of your basin.



Model	Floating System Dimensions (mm)					
	A	B	C max	D	E	F
EQUIP AIR Surface 3 - 4 - 5 - 7	900	800	80	500	20 - 100	2950
EQUIP AIR Surface 11 - 15	1000	900	100	800	20 - 100	3150
EQUIP AIR Surface 18 - 22	1300	1000	120	900	20 - 100	3850



TECHNICAL CHARACTERISTICS

Find below the different values for your EQUIP AIR such as oxygen transfer, power, rotation per minute.

Model EQUIP AIR Surface	Diameter mm	Power kW	RPM	Peripheral speed m/sec	Max level immersion mm	Oxygen transfer Kg O ₂ /h
3	800	3	83	3,4	80	7
4	800	4	98	4,1	80	9
5	910	5,5	82	3,9	80	12
7	910	7,5	98	4,7	80	17
11	1100	11	74	4,3	100	25
15	1300	15	71	4,8	100	33
18	1500	18,5	57	4,5	120	44
22	1600	20	57	5,8	120	52
30	2000	30	47	4,9	120	64
37	2100	37	47	5,1	120	80
45	2350	45	42	5,2	150	96
55	2500	55	40	5,3	150	120
63	2500	75	43	5,5	150	137
75	2750	75	37	5,3	150	160
90	3100	90	33	5,3	150	187
110	3500	110	26	5	150	212