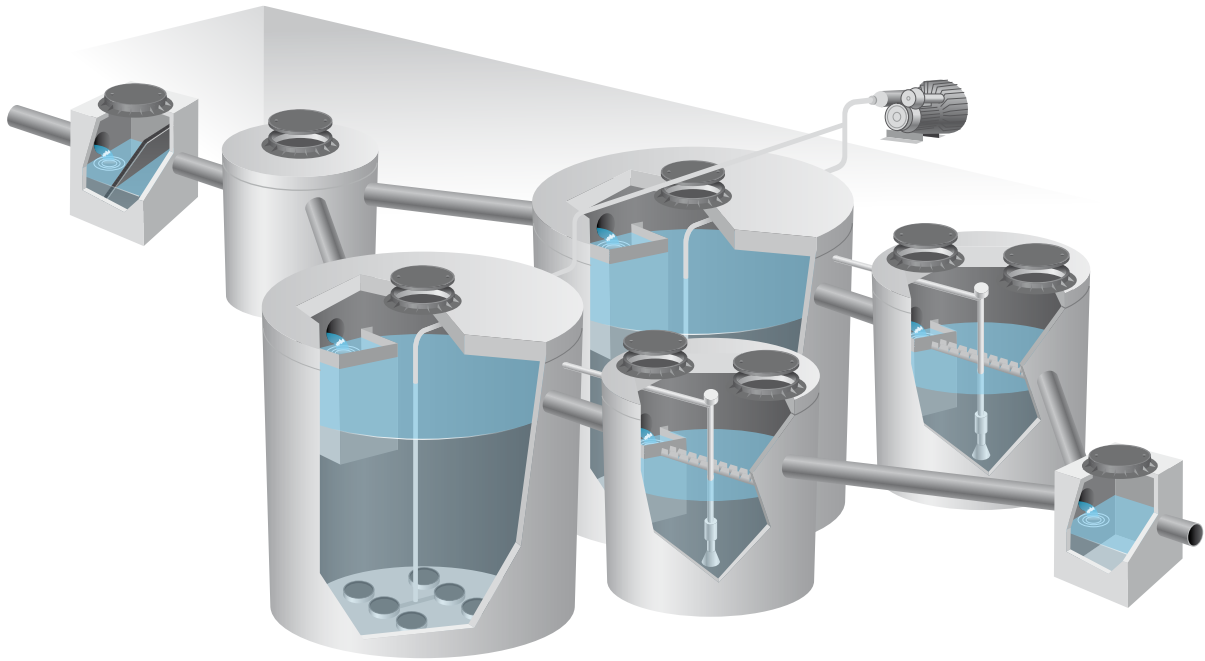


Prefabricated plants for sewage water purification

Series OXI/C Modular rings total oxidation plants for 300 to 800 equivalent people.

Technical specifications

Supply of a reinforced concrete total oxidation plant type EMS WATER TECHNOLOGY series OXI/C, composed of modular rings vertical axis tanks to be sealed on site respectively for biological oxidation and final sedimentation, complete with outlets for the incoming and outgoing sewage, concrete inspection manholes, self cleaning membrane diffusers electrical control and protection panel and all the electromechanical devices needed to guarantee a correct functioning.



OXI/C series total oxidation with modular rings for discharge in surface water - leg decree n. 152 dated 03/04/06

DESCRIPTION	MEASURE UNIT	MODEL								
		OXI/C 300	OXI/C 350	OXI/C 400	OXI/C 450	OXI/C 500	OXI/C 550	OXI/C 600	OXI/C 700	OXI/C 800
Equivalent people	n.	300	350	400	450	500	550	600	700	800
Daily flow	mc/g	45	52,5	60	67,5	75	82,5	90	105	120
Organic load (BOD)	Kg/g	18	21	24	27	30	33	36	42	48
Installed power	kW	2 x 2,2	2 x 3,0	2 x 3,0	2 x 3,0	2 x 3,0	2 x 3,0	2 x 3,0	2 x 4,0	2 x 4,0
Air diffusers	n.	24	28	32	36	40	40	48	56	64
Screening	width	cm	80	80	80	80	80	80	80	80
	height	cm	96	96	96	96	96	96	96	96
Oxidation	width	cm	2x300	2x300	2x300	4x300	4x300	4x300	4x300	4x300
	height	cm	410	410	485	335	335	335	410	410
Sediment.	width	cm	2x200	2x200	2x200	300	300	2x300	2x300	2x300
	height	cm	279	279	329	410	410	335	335	335
Inlet height	cm	-25	-25	-25	-25	-25	-25	-25	-25	-25
Outlet height	cm	-50	-50	-50	-50	-50	-50	-50	-50	-50
Weight	q.li	486	486	548	760	760	888	968	968	1048

The values stated are just for information. EMS WATER TECHNOLOGY retains the right to change them at any time.

The plants may be supplied with different hydraulic flow rates and organic loads than those indicated in the table, which are 150 l/ab. day. and di 60 g BOD5/ab.day