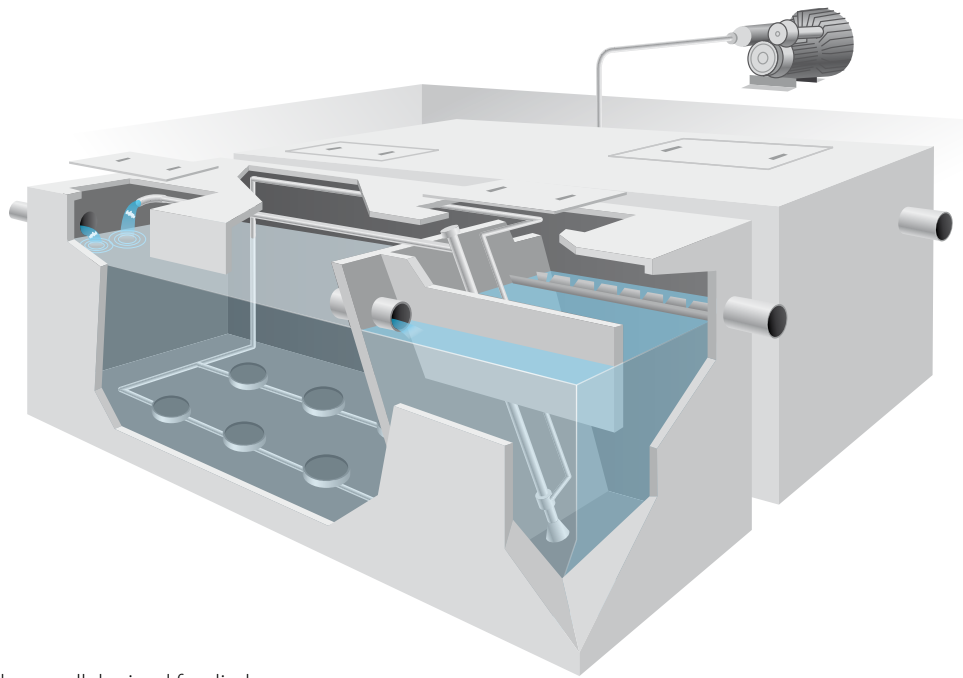


Prefabricated plants for sewage water purification

Series OXI/P Monobloc parallelepiped total oxidation plants for 250 to 800 equivalent people.

Technical specifications

Supply of a reinforced concrete prefabricated treatment plant type EMS WATER TECHNOLOGY series OXI/P, composed of monolithic parallelepiped vertical axis tanks divided into a biological oxidation section and a final sedimentation section, complete with outlets for the incoming and outgoing sewage, concrete inspection manholes, self-cleaning membrane diffusers, electrical control and protection panel complete with programming clock and all the electromechanical devices needed to guarantee a correct functioning.



OXI/P series total oxidation monobloc parallelepiped for discharge in surface water - leg decree n. 152 dated 03/04/06

DESCRIPTION	MEASURE UNIT	MODEL						
		OXI/P 250	OXI/P 300	OXI/P 400	OXI/P 500	OXI/P 600	OXI/P 700	OXI/P 800
Equivalent people	n.	250	300	400	500	600	700	800
Daily flow	mc/g	37,50	45	60	75	90	105	120
Organic load (BOD)	Kg/g	15	18	24	30	36	42	48
Oxidation volume	mc	37,50	45	60	75	90	105	120
Sedimentation volume	mc	7	10	13	17	25	29	34
Sedimentation surface	m ²	5,70	6,83	9,10	11,40	13,67	15,95	18,23
Air demand	mc/h	115	115	190	230	230	380	380
Water head	mm	2000	2000	2000	2000	2000	2000	2000
Installed power	kW	2,2	2,2	3,00	2 x 2,2	2 x 2,2	2 x 3,00	2 x 3,00
Diffusers	n.	24	24	32	36	36	48	48
Moduli di ossidazione	n.	-	-	-	2	2	2	2
Combined modules for oxid. and sedim.	n.	2	2	2	2	2	2	2
length	cm	600	700	800	500	600	700	800
DIMENSIONS	width	250	250	250	250	250	250	250
	height	250	250	250	250	250	250	250
Total weight	q.li	460	520	600	720	920	1040	1120

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