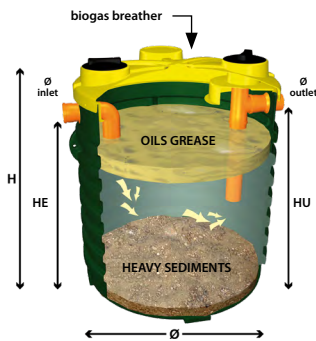


# Polyethylene plants for water treatment

## Oil and grease separator

### Technical specifications

Supply of a linear high density polyethylene (LLDPE) rotomolded vertical separation tank type EMS WATER TECHNOLOGY series DEG/PE, dimensioned according to the UNI-EN 1825 regulations, equipped with 90° PVC incoming stub and T deflector for the treated sewage discharge. Pipes complete with NBR watertight rubber gaskets. Two threaded PVC manholes are located in the upper end for inspection, discharge and cleaning purposes.



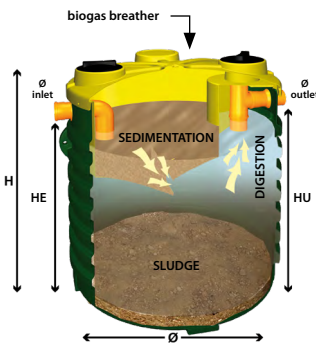
Item	A.E.	Qmax l/s	Ø mm	H mm	HE mm	HU mm	Ø E/U mm	Useful volume l	Fats volume l	Sediments volume l
DEG/PE 30	30	2,3	1150	1220	890	820	110	852	89	224
DEG/PE 40	40	3,5	1150	1720	1370	1300	110	1350	142	355
DEG/PE 60	60	5,5	1710	1350	1010	940	125	2107	220	550
DEG/PE 90	90	8,5	1710	1855	1510	1440	125	3228	340	850
DEG/PE 110	110	10	1710	2125	1750	1680	125	3777	400	1000
DEG/PE 200	200	13	2250	2367	1852	1782	160	6902	520	1300
DEG/PE 250	250	16	2250	2625	2110	2040	160	7928	640	1600

A.E.= equivalent people; Ø = tank diameter; H = tank height; HE = inlet height; HU = outlet height; ØE/U = inlet/outlet diameter; Qmax = limit flow rate (l/s).

## Imhoff Tank

### Technical specifications

Supply of a high density rotomoulded polyethylene vertical monobloc imhoff tank (LLDPE) type EMS WATER TECHNOLOGY series IMO/PE, manufactured by firm equipped with quality certifications ISO 9001, ISO 14001, OHSAS 18001, dimensioned according to what prescribed by the D.Lgs. 152/2006, referring to the indications of the Gazzetta Ufficiale dated 21.02.77 n. 48 (Technical regulations for the Law 319/76), complete with separation sects between the sludge settling and digestion sections, equipped with a PVC incoming stub with 90° bend and T deflector for the treated sewage discharge Pipes complete with NBR watertight rubber gaskets. Two threaded PVC manholes are located in the upper end for inspection, discharge and cleaning purposes.



Item	A.E.	Qmax m³/h	Q24 m³/g	Ø mm	H mm	ØE/U mm	HE mm	HU mm	Sediment. tank l	Digest. tank l
IMO/PE 5	5	0,12	1,2	1900x708	1630	110	1250	1220	215	928
IMO/PE 6	6	0,12	1,2	1150	1220	110	870	840	245	627
IMO/PE 8	8	0,18	1,8	1900x708	2140	110	1750	1720	350	1340
IMO/PE 9	9	0,18	1,8	1150	1720	110	1370	1340	380	1012
IMO/PE 11	11	0,22	2,2	1150	2280	110	1990	1950	460	1564
IMO/PE 13	13	0,26	2,6	1710	1350	125	1010	970	629	1545
IMO/PE 17	17	0,34	3,4	1710	1625	125	1240	1200	760	1930
IMO/PE 21	21	0,42	4,2	1710	1855	125	1510	1470	965	2330
IMO/PE 27	27	0,54	5,4	1710	2125	125	1750	1710	1003	2830
IMO/PE 36	36	0,72	7,2	2250	2367	125	1852	1812	1435	5586
IMO/PE 50	50	1,0	10	2250	2625	125	2110	2070	2000	6047

A.E.= equivalent people; Ø = tank diameter; H = tank height; ØE/U = inlet/outlet diameter; HE = inlet height; HU = outlet height; Qmax = peak flow rate; Q24 = daily flow rate.

## Installation type

Upon request it is possible to supply a biological pit in the outgoing channel with lodging for chlorine tablets.

