

OIL SEPARATORS MACRO® OS

WTC-MACRO manufactures, supplies and designs several types of oil separators / separators for light liquids/ MACRO®OS.

Here we present the oil separators with flow rates of 0 - 150 l/s, and the output parameters 5 mg/l NES, and 0.1 mg/l NES.

FEATURES

Oil separators MACRO®OS are designed for cleaning of waste water polluted by oil free radicals.

It is suitable for usage wherever it is prescribed by relevant regulations, or where waste waters including rain water contain or may contain free oil products.

The occurrence of these waste waters is assumed for example at **petrol stations, car parking places and on all hard surfaces**, where the spill oil is handled.

The separator is not suitable for separation of emulsified oil products arising from the usage of chemical agents and for the treatment of water containing substances which are stiffened at temperatures present in the sewage (eg. fats, heavy heating oils ...)

DESCRIPTION

Oil separators MACRO®OS are supplied in plastic version / PP / in single or double-wall shell variant.

At double shell design the diameter of 300 mm is added to tank diameter. It is formed by one or more mutually functional connected tanks.

It includes a sedimentation part designed for sedimentation of suspended solids and separation part in which the separation of free oil products is done. The separation part can be constructed in two steps:

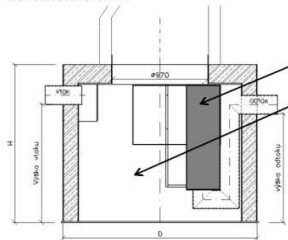
gravity - coalescent (NES-non-polar extractable substances up to 5 mg / l),

or in three stages: **gravity - coalescent - sorption** (NES up to 0.1 mg / l).

MACRO®OS oil separators are designed according to EN 858-1 with a sludge settling compartment 100 x NS. For detailed information, contact our Head Office.

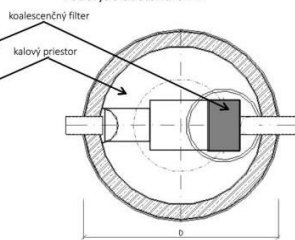
Cross view with concrete work

Rez s obetovaním



Ground plan with concrete work

Pôdorys s obetovaním



Type	Dimensions Diameter x H (mm)	Flow (l/s)	Drained area (m ²)	Height of inlet (mm)	Height of outlet (mm)	Weight (kg)	Inlet, Outlet (mm)	Volume of captured oil products (m ³)	Volume of sludge space (m ³)
MACRO® OS 001	1200 x 1700	1	85	1250	1150	130	Ø110	0.090	0.85
MACRO® OS 002	1300 x 1700	2	170	1250	1150	140	Ø110	0.100	0.90
MACRO® OS 003	1400 x 1700	3	255	1250	1150	150	Ø110	0.120	1.00
MACRO® OS 006	1500 x 1700	6	425	1250	1150	160	Ø110	0.140	1.60
MACRO® OS 010	1600 x 1700	10	850	1250	1150	180	Ø160	0.220	1.85
MACRO® OS 015	1700 x 1700	15	1275	1250	1150	200	Ø160	0.230	2.00
MACRO® OS 020	1900 x 1700	20	1700	1250	1150	250	Ø225	0.260	2.80
MACRO® OS 030	2200 x 1700	30	2550	1250	1150	300	Ø315	0.340	4.00
MACRO® OS 040	2200 x 2100	40	3400	1500	1400	400	Ø315	0.460	4.50
MACRO® OS 050	2450 x 2100	50	4250	1500	1400	500	Ø315	0.520	5.35
MACRO® OS 080	3100 x 2200	80	6375	1650	1550	655	Ø315	0.890	9.90
MACRO® OS 100	2900 x 2450 + 2400 x 2450	100	8500	1650	1550	840	Ø315	1.190	10.50
MACRO® OS 125	3100 x 2450 + 2400 x 2450	125	10625	1800	1700	1015	Ø400	1.490	13.60
MACRO® OS 150	2400 x 2450 (3 pcs)	150	12750	1800	1700	1200	Ø400	1.800	15.70

WTC-MACRO Group

Is a privately owned company group providing european innovative technologies to generating cost-effective and environment-friendly solutions to various types of problems within **water, wastewater and air treatment**.

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