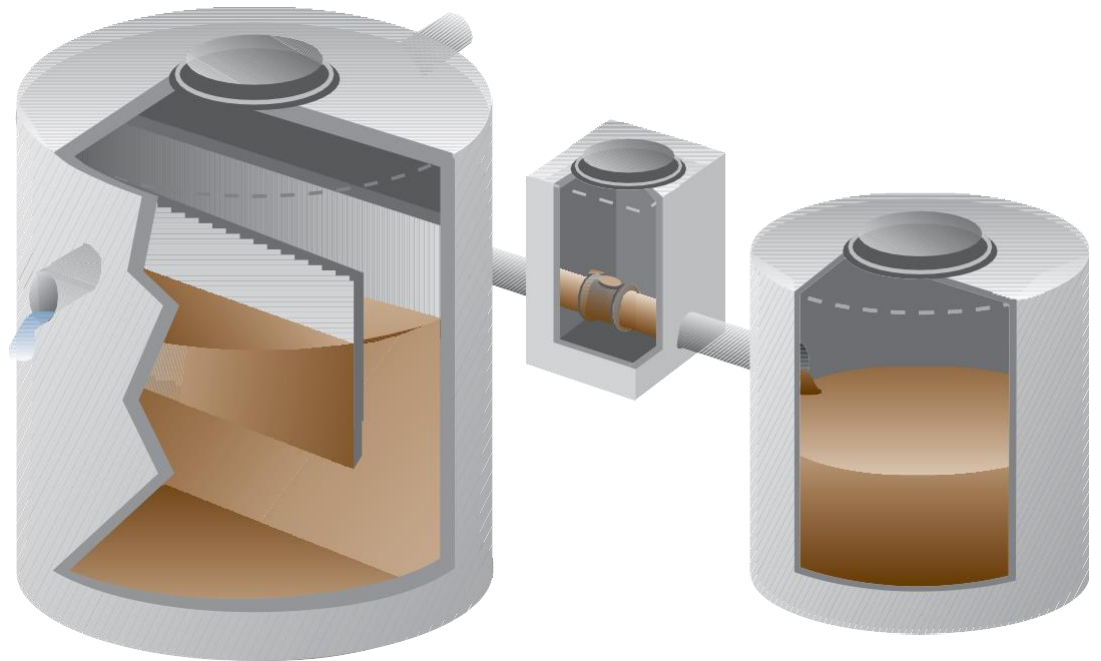




SCM series oil and grease static separation plants

Reinforced concrete pre-fabricated mono-block for the treatment of water coming from kitchens



SCM series oil and grease separators are used to pre-treat kitchen drainage water and, in general, all those drains where oil and grease of animal and plant origin are present.

They should be installed near sources of pollution and they must not collect water coming from sanitary services and rainwater. In SCM series static separators, oil and grease are removed from the drainage water according to the physical principle of flotation that allows the greasy substances, with a specific weight less than the water, to separate by rising to the surface.

The separator is a pre-treatment phase which must be followed by installation of a biological system, before draining the waste water. The separators are dimensioned based on prepared meals, taking into consideration that oil and grease production is 3-9 kg/Inh per year.

SCM series separators have a purification performance of 85 to 95%, limited to the content of animal and plant fat.

Specifications

Supply of a SCM series animal and plant oil and grease static separation plant, manufactured in a pre-fabricated mono-block

in high strength, vibrated, reinforced concrete, for placement underground on site with grease chamber restriction partitions.

The supply includes:

a large mono-block, with circular layout, in reinforced concrete with a base, cover with inspection plugs and separation partitions of the grease chamber.

Supply variants

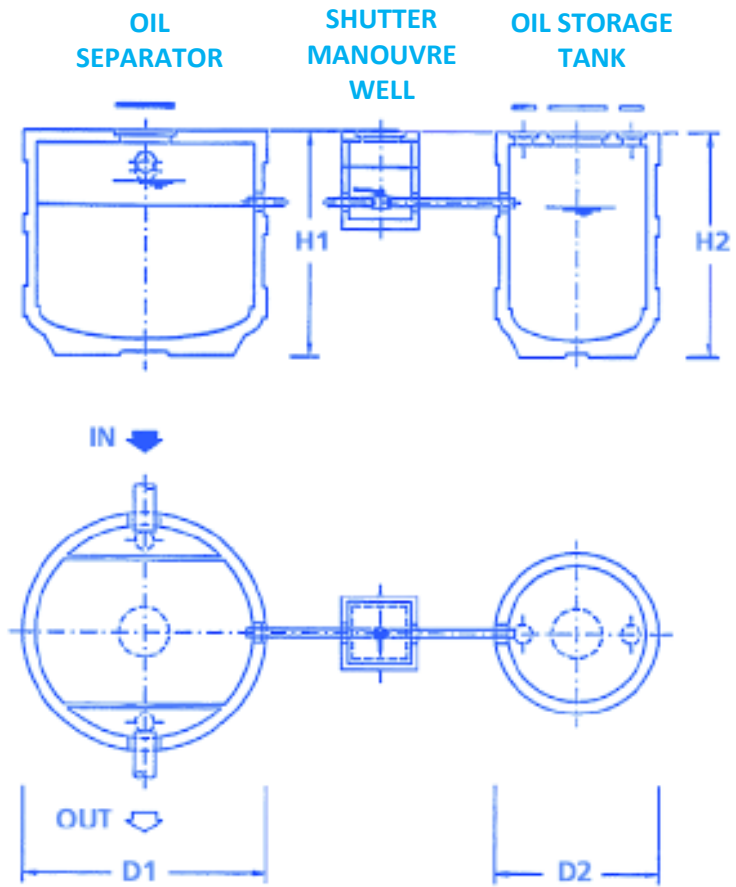
The separators can be manufactured with modular, pre-fabricated parts in high strength, vibrated, reinforced concrete, easy and fast assembly **SC series**.

Up to 200 settings, separators are also available in high density polypropylene **SCP series**.

Option

Oil storage and grease tank, reinforced concrete mono-block, with piping and connection valves to the grease chamber of the separator, for drainage of floating oil. This alternative reduces the tank emptying time and the relevant maintenance costs.

IDROACTIV enzymatic mix and bacterial cultures, that promotes elimination of grease and plant-based substances.



Separator

Storage tank

MODEL	SETTINGS	D 1 cm	H 1 cm	WEIGHT †
1	from 0 to 70	151	200	3.1
2	from 71 to 120	192	180	4.2
3	from 121 to 200	192	250	5.2
4	from 201 to 300	244	220	7.0
5	from 301 to 400	244	250	7.7
6	from 401 to 500	244	260	7.9
7	from 501 to 600	244	290	8.5
8	from 601 to 700	244	290	8.5
9	from 701 to 800	244	350	9.5
10	from 801 to 900	244	350	9.5

MODEL	D 2 cm	H 2 cm	WEIGHT †
2	151	200	3.1
2	151	200	3.1
34	151	250	3.5
34	151	250	3.5
57	192	280	5.5
57	192	280	5.5
57	192	280	5.5
57	192	280	5.5
58	192	350	6.2
58	192	350	6.2

The values given are approximate. Idrodepurazione srl reserves the right to make changes at any time and without prior notification.
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The data refer to measurements outside the tanks.