

Maxifilter


Officine di Trevi studied the new maxifilter system to avoid the obstruction of the electric pump in hard conditions. The maxifilter is carried out with filtering pipes and can be used in landfills where water with solid filamentous sediments and leachate is present.

If properly measured, installed and checked, the filter can help to achieve a good time saving the ordinary maintenance operations of the plant.

It has a cylindrical AISI 304 stainless steel structure and a very big contact surface with the pumped liquid. At the base of the cylinder there are shaped special technopolymer discs that allow the centring and the anchorage of the electric pump.

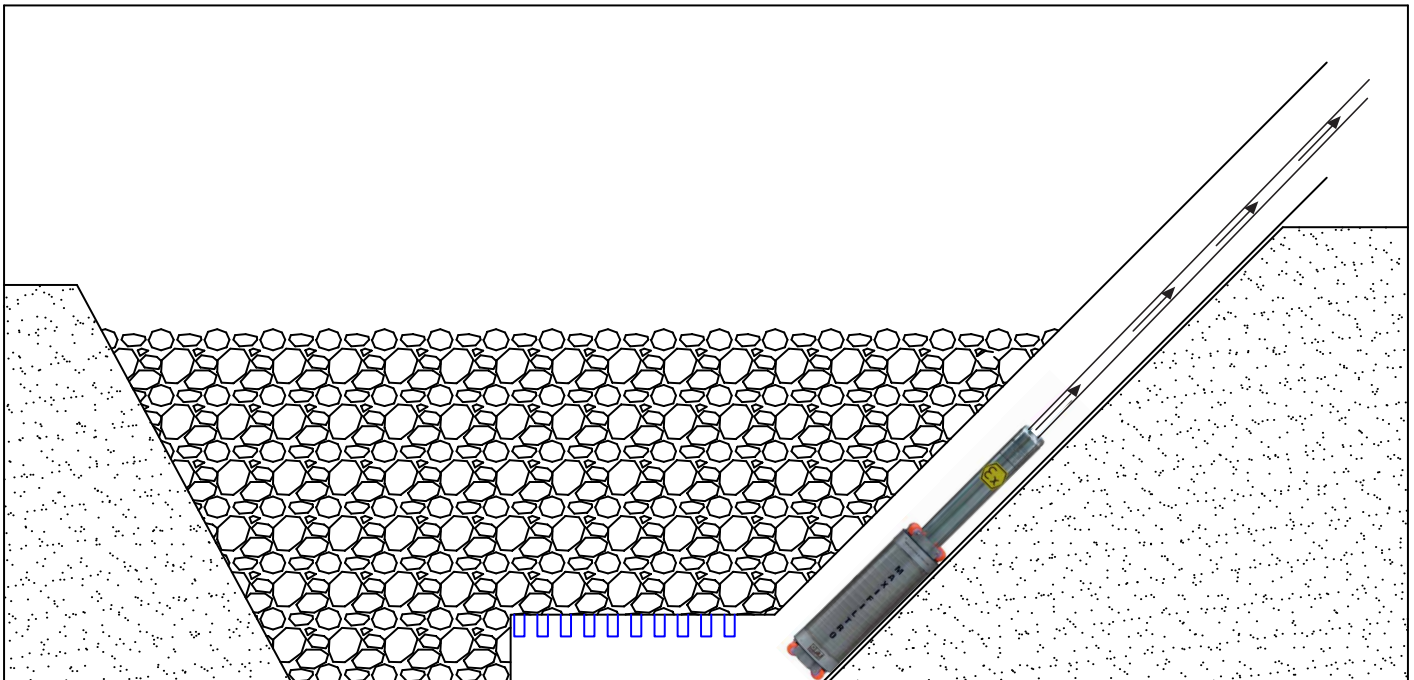
In the 3" electric pumps version the cylindrical filtering and the shaped discs are in AISI 316 stainless steel.

A practical system permits the easy dismantling of the pump-filter kit to do an easy maintenance.

The electric pump, equipped with the filter, can be supplied with slope riser too, to facilitate the movement in oblique wells.

The suction fissures that allow the liquid to get inside the filter, have been studied to optimize the passage of little bodies and particles. It is indispensable that the filter is free from sediments for at least 20% of its surface to grant a correct working of the electric pump with suction inside.

The external Ø of the maxifiltre cylinder is from 94 mm up to 170 mm; in the version with slope riser from 145 mm up to 208 mm.



Example of application in landfill.

Code	Description	Ø MAX	Weight kg/m
850.30.004.0005	Maxifilter 90 for 3" electric pumps	94	3
850.30.004.0010	Maxifilter 90 for 3" electric pumps with slope riser	145	3,8
850.30.004.0015	Maxifilter 142 for 4" electric pumps	143	5,3
850.30.004.0020	Maxifilter 170 for 4" electric pumps	170	8,2
850.30.004.0025	Maxifilter 170 for 4" electric pumps with slope riser	208	9