

DAR

Grease remover

Aerated and scraped grease removers **DAR** are cylindro-conical apparatuses with supporting feet and stainless steel input/output boxes, ready to be connected, which notably decreases the set-up times on building site.



Conform CE

Principle

In the lower part of the tank, is placed an immersed turbine, which aspires both water and air brought by a tube, which emerges above the surface of the liquid.

The passage, between the rotor and the stator of the turbine, causes a division of the air in fine bubbles from 1 to 2 mms in diameter, which, while going up within the liquid, are joined with the particles (drops of grease and other) and drive them towards the surface.

A two pallets scraper sweeps the floating parts towards a chute of evacuation.

The heavy sediments fall and accumulate at the bottom of the apparatus from where they are extracted periodically by the opening a purging valve.



DESIGN FEATURES

The grease removers consist of the following elements:

- 1 tank out of stainless steel 3mm thickness sheet
- 1 skirt (clifford) in the bottom of which is placed the following turbine
- 1 turbine generating fine bubbles, easily removable for maintenance .
- 1 articulated scraping system driven by a 0,12 KW motor, with 0,6 rpm

The clear water output box is equipped with an adjustable outfall, used to adjust the water level in the grease remover

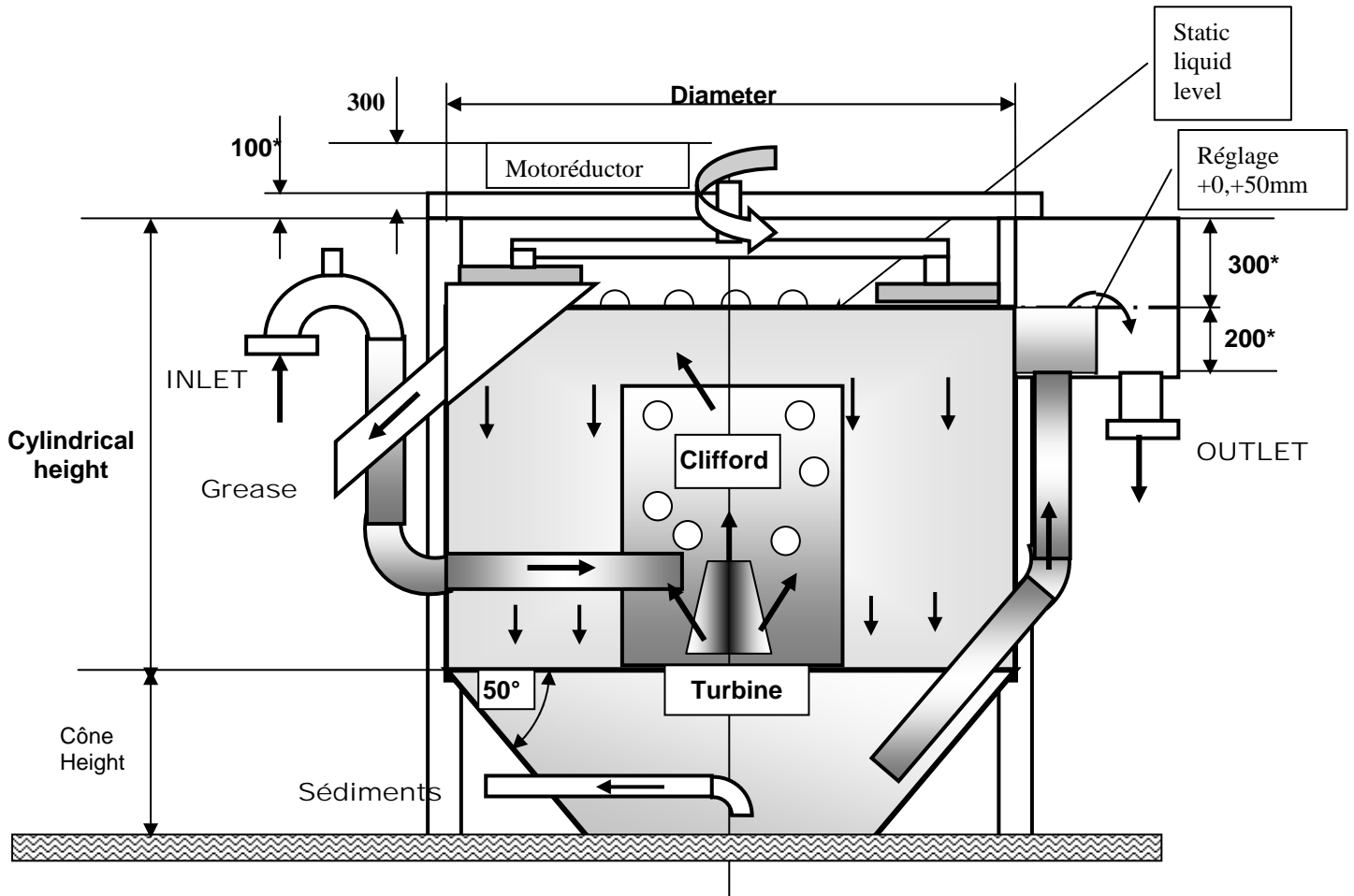
CONNECTIONS

The inputs/outputs positioning and dimensioning are carried out upon request, according to the configuration of the installation and the requirements of the customer.

OPTIONAL EXTRA:

Access: the grease remover can be equipped with a footbridge with guardrail to facilitate the exploitation, accessible by a crinoline ladder or a staircase with guardrail.

Rotating sieve SERTAM: a compact model positioned above the input of the grease remover can usefully supplement the chain of pretreatment.



Orientation of inlet and outlet following request

MODEL	3	10	15	25	30	35	40	50	60
Diameter mm	1200	1700	2000	2200	2480	2750	2865	3250	3500
Volume m ³	1,17	3,4	6,5	7,9	10,2	12,7	14	18	21
Total height	1400	2300	2700						
Cilindrical height	1000	1750	2000						
Cone height	400	700							
Outlet bos width	320	400	500	600	800	1000	1100	1200	
Tube diameter	76.1	88.9	114.3	139.7	168.3			219.1	
Clifford diameter	400	800		1000			1200		
Clifford height	750	1500	1800						