

SA J.HUWER



ASP@NC

"USSU" SYSTEM Ultrasonic Sludge Separating Unit



Designed for septic tanks and grease traps :
a single *fully automatic* operation to pump and dewater biosolid effluents, recuperate and purify water through ultrasonic filtration (100µ- 300l/min) without using chemicals before returning it to the pit. The rejected water contains the tank's native microflora helping to preserve treatment stability and effectiveness.

The "USSU" system can be integrated into a common suction and jetting equipment and be used independently.

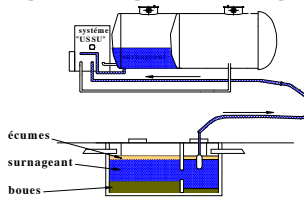
Advantages :

- Reduction of the sludge volume to be treated at the treatment plant
- Less transport costs
- System entirely adapted to the newest environmental laws about septic tanks preventive cleaning

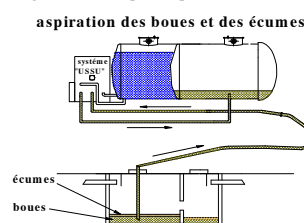
Working stages :

- 1) Pumping the liquid in the pit and storing it in the front compartment of the truck tank
- 2) Pumping and storing solid material in the back compartment of the truck tank
- 3) Returning the liquid to the septic tank once filtered

aspiration du liquide de la fosse septique



passage à la 2eme phase par détection automatique



traitement du liquide par "USSU" et retour à la fosse

