



AquaTeq



MDU AquaTeqs mobile dewatering unit

A combination of a septic tank (with one or more compartments) and a drainage system is the most common treatment method for individual septic systems. In brief, it works like this: The liquid from the septic system filters into the ground whilst the sludge stays put in the septic tank. Micro-organisms in the ground and tank purify the water. Subsequent composting turns the sludge into an effective soil improvement material.

Ordinary sludge suction empties the tank. The micro-organisms disappear at the same time. It takes a long time before the biological process starts again, if it ever does. The discharge increases, as does the amount of suspended substances which can obstruct the infiltration process, with impaired functioning as a result.

AquaTeq working with nature

Our patented system, MDU, dewater the sludge directly by the septic tank. The water and the micro organism are returned to the tank. At the same time the water gets oxygenised, improving the natural purifying process. The transported volume gets reduced with 95 percent. The sludge has a dryness of approx. 30 % ready to be composted or used for energy production.

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AquaTeq



We have delivered 7 units to Manilla.

MDU is a mechanical separation system using no chemicals. Transportation to sewage-treatment plants are no longer necessary and a simple dry waste product (TS 30%), ready to be composted or used for energy production is the result.

The MDU system promotes a long service life time of the septic tank and the infiltration system by using nature's own treatment plant. Also the operators get a working environment saving the body and thrilling the head.

The MDU system from us at AquaTeq is used with success in Sweden, Europe and Asia. We have for example seven units in Manila. Since 1998 Trelleborg and Svedala municipalities use the MDU with great success. The function of the septic tanks have improved dramatically since the start. A lot less transportation needs lower the costs and the green house effect.



How is the design of nature's own treatment plant?

The MDU system uses mechanical treatment. The construction is done with well known components in a unique combination. The system can be mounted on a variable number of chassis or on different roller platforms.

Please us contact for more information. Take part of the field studies performed in Svedala and Trelleborg municipality. Get to know our company and learn more about nature's own treatment plant.