

LIVING-POOL CONVERTER-SYSTEM

CONVERSION OF POOLS AND UPGRADING OF NATURAL POOLS

Many owners of conventional pools have approached Biotop and inquired whether their pool could be converted to a chemical-free pool.

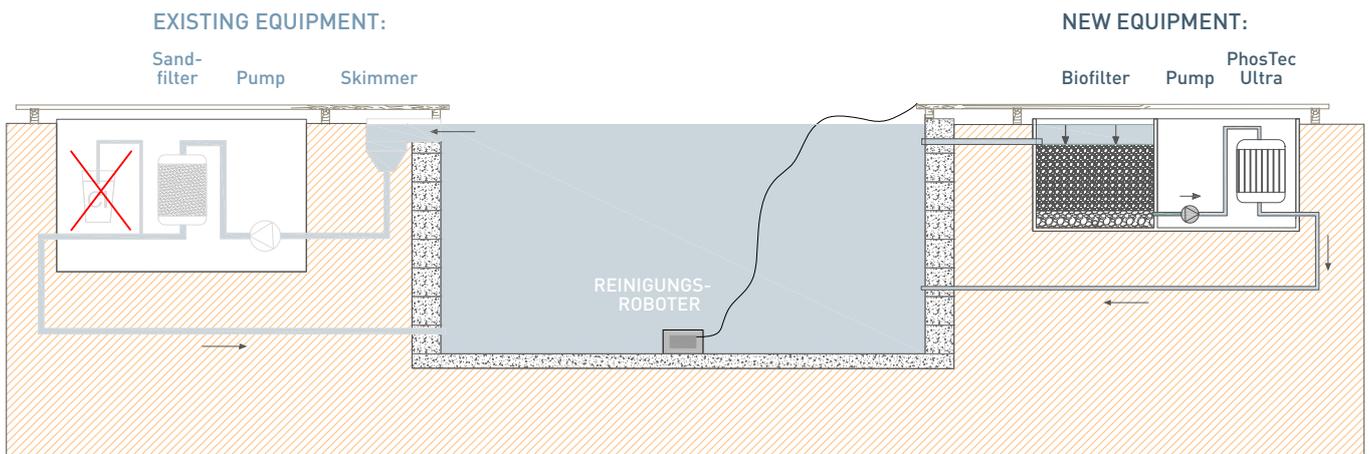
The R&D department took up this issue and within the shortest time developed a method that ensured that this conversion could be carried out without much effort, and in an environmentally maintainable manner.

Conversion of a Conventional Pool into a Living Pool

The existing pool will only be minimally rebuilt. The existing water circuit, comprising a skimmer, a pump and

sand filter (left side of the illustration) can still be operated, only the chlorination will be shut down.

A biological circulation system will be additionally incorporated, consisting of a biological filter, a small pump and a phosphorus filter (right side of the illustration). All components are integrated into a single shaft. This shaft, measuring 2.0 x 1.2 x 0.8 meters, is installed in the ground next to the existing pool and connected to both an intake and an outflow pipe of the existing pool. The pump for the bio circulation requires only a very small amount of electricity (approximately 40 W). The costs of operating the pool can be significantly reduced by this conversion.



Upgrading of Natural Pools

The converter system is particularly suited for natural pools which have not yet had any technology installed or those where the water quality is not satisfactory or excessive growth of algae is causing a problem. Before any

conversion our natural pool advisors assess whether the existing technology can remain in use. The installation of the bio circulation is just as uncomplicated as it is to install it in conventional pools.

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EXAMPLE OF A CONVERSION

SIMPLE, QUICK AND COST EFFECTIVE



The shaft before installation.
Compact technology in 2.0 x 1.2 x 0.8 meters.



The pool in the background remains virtually unchanged.



The shaft requires only minimal space in close proximity to the pool.



The shaft is covered with two handy lids.
The entire shaft can be well concealed due to its low positioning in the ground.

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ORIGINAL BIOTOP

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POOL**