

Cleaning of deep water wells

The regular cleaning and regeneration of deep water wells is essential for water quality and to be able to guarantee the pumping capacity of the well at all times.

Since cleaning intervals are seldom observed, however, and it is not possible to simply take a quick look at the inside of a well, inspections are not carried out until the water level drops and quality diminishes.

One regeneration option is to clean the well using water at high pressure and using a specially developed well-cleaning nozzle. This cleans both the inner walls of the pipes as well as the filter slots, and generates dynamism in the filter gravel bed which is responsible for separating the deposits in the filter gravel.

The dissolved particles are pumped off along with the large amount of water pumped off.



Well-cleaning nozzle

$Q = \text{max. } 200 \text{ l/min}$

$p = \text{max. } 500 \text{ bar}$

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The KAMAT high-pressure pump K25040A with a capacity of 200 kW produces a water jet with a large amount of water which is pumped to the special counter-rotating nozzle.



K25040A

Q = 194 l/min

p = 525 bar

P = 200 kW

With oil pressure supply and oil cooler as well as pneumatic valve for pressure adjustment



HP unit from Ochs Bohrgesellschaft



Electric hose winder
DN 20 x 300 m - PN 1000 bar