

## Gravel Mining Arnold, Flüelen

### The project:

The out-dated floating grab dredge plant for gravel digging on the Urner Lake is to be modernised.

Executing company:  
Arnold&Co. AG

### The problem:

Replacement of the old centrifugal pumps in dry position by submersible pumps.

### Our solution:

Application of four high-head pumps each of Type LH837 and LH430.

The advantages of the installation of submersible pumps are the much lower noise level and the lower energy consumption, amortising this investment very quickly.



Front view of the two screening plants



View of the grab dredge plant with parts of the transport system



LH430 prior to installation in shaft



LH837 prior to installation in shaft

προδιαγραφές LH: <https://www.tsurumi.eu/el-GR/lh>

