Floating Water Intake

The 0.5 to 30 mm pre-filtration eliminates further downstream filtering requirements. An automatic pulse cleaning helps maintain a clean strainer.

The very slow water intake speed prevents suction phenomenon.

The pumps withstand suspended solid rate variations during storms or low level pumping.

The floating platform is anchored with 4 concrete blocks.

An optional pedestrian access can be installed.

Electric and hydraulic connections are supported by floating devices. The whole set is highly flexible.

The lifting gantry allows equipment loading on the platform.

Highlights:

- The Floating Water Intakes are conceived to pump surface water from dam restraints where the water level can have important variations.
- The floating structure supports the technical platform where are positioned the pipes, valves, hydraulic equipment and the electrical control cabinet.
- The flexible HDPE water pipe allows adaptation to water level variations and movements.
- This solution integrates all the equipments necessary for the handling of the pumps and other.
Benefits:
- Bespoke studies for your project
- Good environment integration
- Low operating and maintenance costs
- Optimization of pumped water quality
- Economic pumping solution
- Reduced commissioning time

Fields of use:
- Drinking water production supplies
- Fish Farming
- Irrigation
- Water transfer
- Industries