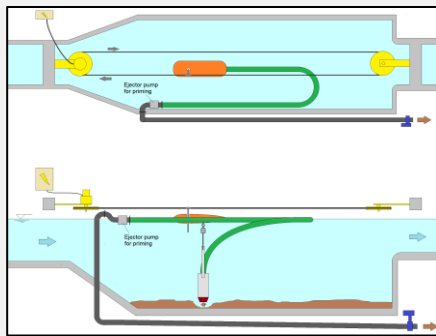
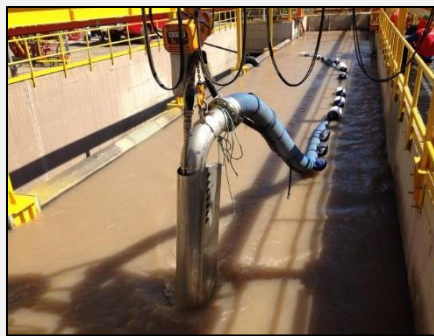


SEDICON DESANDER DREDGE

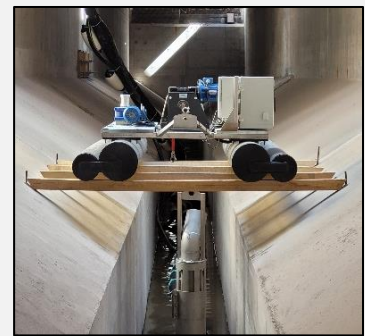
The SediCon Desander Dredge is a gravity powered hydrosuction system for sediment removal in desanders or other small structures.



Principle sketch.



Chacabuquito, Chile.



Alfalfal II, Chile.

General principle

The SediCon Desander Dredge is a hydrosuction system that uses the available water head between the desander and the outlet of the discharging pipe, for dredging out water and sediments. The SediCon Desander Dredge can be operated automatically.

Removes all types of sediments

Due to efficient jetting and unrestricted flow, the SediCon Desander Dredge can handle a wide range of sediments; from cohesive clay and organic material to sand and stones.

Ensures high capacity and easy operation

The patented suction head ensures high capacity and low water consumption.

Requires low investment and operation cost

Few movable parts ensure reliability, easy operation and low maintenance cost.

Does not affect power plant operation

With SediCon's unique technology the Power Plant can continue to operate and produce power, while the dredge is operating, as water levels and water quality are not affected.

Remote/automatic operation

The SediCon Desander dredge can be delivered with a digital platform, which allows different levels of automatization, remote operation and remote monitoring of the sediment removal process. Mobilization of the suction head along the desander can be remotely operated or automatized depending on the sediment levels, measured by sensors.

Gravity powered and environmentally friendly solution

The SediCon Desander Dredge is today the most environmental friendly solution in the market – it uses gravity as driving force and gives full control of when and where sediments are discharged. No pollution is spread to surrounding water.

SediCon is the leading supplier of sediment handling worldwide and provides reliable solutions with low water consumption and uninterrupted power production.